RAO/CIS OFFSHORE 2019
1–4 October 2019

PROGRAM

www.rao-offshore.ru
FOUNDERS AND ORGANIZERS
THE RUSSIAN FEDERATION GOVERNMENT
MINISTRY OF ENERGY OF THE RUSSIAN FEDERATION
GAZPROM
ROSNEFT OIL COMPANY
GAZPROM VNIIGAZ
RESEARCH COUNCIL OF THE RUSSIAN ACADEMY OF SCIENCES
FOR GEOLOGY AND DEVELOPMENT OF OIL AND GAS AND COAL
DEPOSITS
RESTEC® EXHIBITION COMPANY

OFFICIAL SUPPORT BY
MINISTRY OF THE NATURAL RESOURCES AND ENVIROMENT
OF THE RUSSIAN FEDERATION
MINISTRY OF FOREIGN AFFAIRS OF THE RUSSIAN FEDERATION
MINISTRY OF ECONOMIC DEVELOPMENT OF THE RUSSIAN FEDERATION
MINISTRY OF TRANSPORT OF THE RUSSIAN FEDERATION
EMERCOM OF RUSSIA (MINISTRY OF THE RUSSIAN FEDERATION
FOR CIVIL DEFENSE, EMERGENCIES AND ELIMINATION
OF CONSEQUENCES OF NATURAL DISASTERS)
MINISTRY OF INDUSTRY AND TRADE OF THE RUSSIAN FEDERATION
FEDERAL SUBSOIL RESOURCES MANAGEMENT AGENCY
GOVERNMENT OF ST. PETERSBURG
NATIONAL RESEARCH CENTRE «KURCHATOV INSTITUTE»

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GENERAL INFORMATION

Please view useful information necessary for all delegates.

VENUE

All Conference sessions and the Exhibition of RAO/CIS Offshore 2019 will be held in ExpoForum Convention and Exhibition Center at the address: 64/1, Peterburgskoye shosse, St. Petersburg, Russia. Please view below the navigation map of access to the conference halls and the exhibition.

Free shuttle buses during the event (1 – 4 October 2019) will be organized from the Moskovskaya metro station: from 08:45 till 18:15 every 20 minutes

Public transport: buses № 187, 187a, K-545, K-299 from the Moskovskaya the metro station.

Plenary Session
3 October – 10:00–12:30
Pavilion E, Conf. Hall E11-E12

Conference Sessions
Pavilion H, Conf. Halls 7, 8, 9, 10 (access to Pavilion H will be arranged through Pavilion G and via the glass passage)
1 October 09:30–18:00
2 October 09:30–18:00
3 October 09:30–18:00

Exhibition open hours
Pavilion E and Passage Zone
1 October 10:00–18:00
2 October 10:00–18:00
3 October 10:00–18:00
4 October 10:00–16:00
The Official Reception on the opening of RAO/CIS Offshore 2019 will be held on the 1st of October 2019 at 18:30 in the Alpenhaus Restaurant (address: 17, Yuzhnaya road, Krestovsky Island). Transfer buses will be arranged for the delegates (departure time: 17.45 from Pavilion E, ExpoForum). The entrance is by invitations only.

NB! Please note that the entrance to the reception is by invitations only. The boarding to the transfer buses will be allowed by the delegate’s badge and the invitation.

REGISTRATION OF DELEGATES

A delegate’s badge with a bar-code issued at registration will be the permit to all official events of RAO/CIS Offshore 2019 (except those requiring a special invitation). A delegate’s badge gives access to the exhibition during the open hours.

Registration
Pavilion Е, registration desks Е12-Е16
30 September 12:00–18:00
1 October 08:30–17:00
2 October 09:00–17:00
3 October 09:00–17:00

Together with the delegate’s badge a delegate will receive a delegate’s bag with information materials including the Program, the Official Catalogue, an invitation to the official reception.

The Conference Program is also available at the website of RAO/CIS Offshore 2019 at: http://rao-offshore.com/konferentsiya/About

LUNCHES AND COFFEE-BREAKS

During the conference the delegates will be provided with coffee-breaks and lunches according to the schedule in the Catering area in Pavilion H (please see below the map of access to the catering area). Only participants with the delegates’ badges will have access to the Catering area.
**AUDIO AND VIDEO EQUIPMENT**

Speakers, giving presentations, will be provided with PC, multimedia projectors, displays at the Conference. Visual aids should be made in Microsoft Power Point or in Adobe Acrobat Reader on a Flash-drive and submitted to the technician staff before the start of a conference session. The resolution is 1920x1080 pxs, 16:9 aspect ratio.

Please note that the Conference Program may be subject to changes on the discretion of the chairs of the conference sessions.

We ask all delegates and speakers to register and come to the conference room before the beginning of a session.

**CONTACTS**

The Executive Committee and Secretariat welcome all participants and guests of RAO/CIS Offshore 2019 and will do their best to set up successful and fruitful atmosphere.

For any queries please contact:

**Secretariat**
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**Julia Boublits**
Project Manager
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Please note that the mobile phone will be available only during the period of the Conference – from 10:00 on 1 October till 18:00 on 4 October.
NAVIGATION MAP
TO THE CONFERENCE HALLS (PAVILION H)
AND THE EXHIBITION (PAVILION E)

- Conference halls No 7, 8, 9, 10
- Catering Area
- Glass passage
- Delegates route to Conference halls No 7, 8, 9, 10 in Pavilion H
- Plenary Session
- Entrance
- Delegates registration desk
- RAO/CIS Offshore Exhibition
PLENARY SESSION
OIL & GAS ON THE RUSSIAN ARCTIC SHELF: THE CURRENT STATUS
AND FUTURE PROSPECTS

AWARD CEREMONY
OF WINNERS OF THE CONTEST
ORGANIZED BY THE MINISTRY OF ENERGY OF THE RUSSIAN FEDERATION

EXHIBITION OPEN HOURS
PAVILION E AND THE PASSAGE ZONE

CONFERENCE SESSION 1.1:
READINESS OF THE RESOURCE BASE AND THE CURRENT STATUS
OF IMPLEMENTATION OF OIL AND GAS FIELD DEVELOPMENT
PROJECTS ON THE CONTINENTAL SHELF

CONFERENCE SESSION 1.2:
READINESS OF THE RESOURCE BASE AND GAS CONDENSATE FIELD
DEVELOPMENT PROJECTS OF THE ARCTIC COAST AND THE KARA SEA
SHELF, INCLUDING THE OB AND TAZ BAYS

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CONFERENCE SESSION 4:
ENERGY SUPPORT FOR PRODUCTION OF HYDROCARBONS
ON THE ARCTIC CONTINENTAL SHELF

CONFERENCE SESSION 5:
ENVIRONMENTAL AND INDUSTRIAL SAFETY OF HYDROCARBON
DEVELOPMENT IN THE RUSSIAN ARCTIC AND ON THE CONTINENTAL
SHELF

CONFERENCE SESSION 6:
YOUNG SESSION. CASE STUDY ‘CONCEPT OF DEVELOPMENT
OF THE NORTHERN SEA ROUTE IN TERMS OF OFFSHORE OIL AND GAS
EXPLORATION OF THE ARCTIC AND THE FAR EAST’

CONFERENCE SESSION 7:
CONDITIONS OF CREATING A SUSTAINABLE MARINE TRANSPORTATION
SYSTEM OF THE ARCTIC OIL AND GAS (ROLES OF ROSATOM,
THE MINISTRY OF TRANSPORTATION, THE MINISTRY OF NATURAL
RESOURCES AND ENVIRONMENT, RUSSIAN METROLOGICAL SERVICE,
THE RUSSIAN MARINE EMERGENCY RESCUE SERVICE, SHIPBUILDING
COMPANIES ETC.)

OFFICIAL RECEPTION FOR RAO/CIS OFFSHORE 2019 PARTICIPANTS
in the Alpenhaus Restaurant (address: 17, Yuzhnaya road,
Krestovsky Island, by invitations only).
# Schedule

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ORGANIZING COMMITTEE

CHAIR OF THE ORGANIZING COMMITTEE
Dmitry KOZAK,
Deputy Prime Minister of the Russian Federation

CO-CHAIRS OF THE ORGANIZING COMMITTEE
Alexey MILLER,
Gazprom, Chairman of the Management Committee
Alexander NOVAK,
Minister of Energy of the Russian Federation
Evgeny VELIKHOV,
Member of the Russian Academy of Sciences, Honorary Secretary of the Public Chamber oh the Russian Federation, Honorary President of Kurchatov Institute Russian Research Centre

CHAIR OF THE PROGRAM COMMITTEE
Alexey KONTOROVICH,
Chairman of the Research Council of Russian Academy of Sciences for Geology, Oil & Gas and Coal Resources Development, Winner of the “Global Energy” Award, Member of the Russian Academy of Sciences

CO-CHAIR OF THE PROGRAM COMMITTEE
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Deputy Minister of Energy of the Russian Federation
MEMBERS OF THE ORGANIZING COMMITTEE

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First Deputy General Director - head of production department, ROSGEO

Mikhail BUDNICHENKO,
Sevmash, Director General

Vsevolod CHEREPANOV,
Gazprom georesurs LLC, Gazprom geologorazvedka LLC, General Director, Gazprom invest LLC, Deputy General Director

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Member of the Russian Academy of Sciences, Director of Oil and Gas Problems Institute

Andrey FICK,
Gazprom International, Managing Director

Pavel FILIPPOV,
Krylov State Research Centre, Acting Director General

Georgy FOKIN,
Gazprom Transgaz Saint-Petersburg, General Director

Sergey KALITYUK,
Gazprom Expo LLC, Director General

Valery KAMINSKY,
VNIIOkeangeologia named after I.S. Gramberg, General Director

Vladimir KATENEV,
Deputy of the State Duma Federal Assembly of the Russian Federation, Chairman of the Board of the St. Petersburg Chamber of Commerce and Industry

Denis KHRAMOV,
First Deputy Minister for Natural Resources and Environment of the Russian Federation

Egveny KIM,
Rossiya Bank, Vice President, Head of Department for Cooperation with Gas Enterprises
Igor KIRSANOV, 
RESTEC Exhibition Company, General Director

Evgeny KISELYOV, 
Deputy Minister of Natural Resources and Environment of the Russian Federation - Director of Federal Subsoil Resources Management Agency

Alexander KOROBKOV, 
Gazprom Neft Shelf, Deputy General Director for Exploration and Resource Base Development

Alexey KULAPIN, 
Ministry of Energy of the Russian Federation, Director of State Energy Policy Department, Secretary of Working Group for Power Industry Development at State Committee for the Arctic Development

Maxim KULINKO, 
Rosatom State Atomic Energy Corporation, Deputy Director of Division for the Northern Sea Route – Head of the Directorate for Development of the Northern Sea Route and the Coastal Territories

Vyatcheslav KUZNETSOV, 
Institute for Physics and Technology of Kurchatov Institute National Research Center, Deputy Director

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Rector of St. Petersburg Mining University

Ilya MANDRIK, 
LUKOIL, Vice President for Exploration

Vitaly MARKELOV, 
Gazprom, Deputy Chairman of the Management Committee

Victor MARTYNOV, 
Rector of Gubkin Russian State Oil and Gas University, member of the Board of Directors of Gazprom

Nils Andreas MASVIE, 
DNV GL AS, Vice President, Eurasia
Sergey MATROSOV,
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Sergey MENSHIKOV,
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Dilizhan MIRZOEV,
Gazprom VNIIGAZ, Director of the Center of Offshore Oil and Gas Fields Exploration, Chairman of RAO/CIS Offshore Executive Committee

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Gazprom VNIIGAZ, General Director

Victor ORLOV,
Russian Geological Society, President

Alexey ORYSHENKO,
Prometey Central Research Institute of Structural Materials, General Director

Oleg PETROV,
A.P. Karpinsky Russian Geological Research Institute, Director General

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Executive Secretary of RAO/CIS Offshore Organizing Committee

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Gazprom Flot, General Director

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Russian Railways, Deputy General Director - Director for Premium Transport Service

Herman SHIROKOV,
Chairman of St. Petersburg Committee for the Arctic

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Alexander SOLOVYEV,
Vyborg Shipyard JSC, General Director

Gleb TURICHIN,
Rector of St. Petersburg State Marine Technical University, D.Eng.Sc

Vasiliy USTINOV,
Director of Kurchatov Complex of Nuclear Transport Energy Technologies of Kurchatov Institute Russian Research Centre

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Rubin Central Design Bureau for Marine Engineering, General Director

Vladimir VOVK,
Gazprom Neft Shelf, Adviser, Honorary Member of the Organizing Committee
PROGRAM COMMITTEE

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DEPUTY CHAIR OF THE PROGRAM COMMITTEE

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Valery BORODIN,
Sevmash, Head of Production of Marine Facilities for Oil and Gas Development and Civil Shipbuilding

Alexander CHUDNOV,
Ministry of Energy of the Russian Federation, Referent of the Department of State Service and Preparedness Activity

Alexander DANILOV,
Arctic and Antarctic Research Institute, Deputy Director

Alexey FADEEV,
Gazpromneft-Sakhalin, Head of Directorate for Production Support
Andrey GINTOVT,
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Mikhail GRIGORYEV,
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Victor MALYSHEVSKY,
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Vadim PETRENKO,
Gazprom, Head of Directorate for Equipment and Technology for Development of Offshore Fields at the Department for Gas, Gas Condensate and Oil Production

Oleg PRISCHEPA,
All-Russia Petroleum Research Exploration Institute, Director General

Vladimir RYASHIN,
Norwegian Energy Partners, Country Manager Russia and Kazakhstan

Oleg SOCHNEV,
Rosneft Oil Company, Deputy Director for R&D and Innovations

Oleg TIMOFEEV,
Saint-Petersburg State Marine Technical University, Professor

Vladimir VOVK,
Gazprom Neft Shelf, Adviser, Honorary Member of the Organizing Committee

Anton ZUBKOV,
Rosatom, Director for Development and International Business
EXECUTIVE COMMITTEE

CHAIR OF THE EXECUTIVE COMMITTEE
Dilizhan MIRZOEV,
Gazprom VNIIGAZ, Director of the Center
of Offshore Oil and Gas Fields Exploration

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Alexander CHUDNOV,
Ministry of Energy of the Russian Federation,
Referent of the Department of State Service
and Preparedness Activity

Alexey MARTYNOV,
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Head of International Forums Division
of the International Business Department

Ekaterina MATYUNINA,
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Deputy Oil and Gas Division Director

Vladimir OSMANOV,
Honorary Member of the RAO/CIS Offshore Executive
Committee

Margarita POLYAKOVA,
Executive Secretary of RAO/CIS Offshore Organizing
Committee

Elena RYTOVA,
RESTEC Exhibition Company,
Oil and Gas Division Director

Alexander TIMOFEEV,
Gazprom, Head of Division for Development
of Offshore Fields at the Directorate for Equipment
and Technology for Offshore Fields Development
at the Department for Gas, Gas Condensate
and Oil Production
Every shift, I feel like I’m conquering the Arctic. But that doesn’t just mean overcoming unimaginable weather conditions. We have an awesome responsibility, for preserving and protecting the unique animal kingdom here. And I am proud that, in producing oil at the Arctic, we are doing so in complete harmony with nature.
PLENARY SESSION:

**OIL & GAS ON THE RUSSIAN ARCTIC SHELF: THE CURRENT STATUS AND FUTURE PROSPECTS**

Venue:
Conference hall E11-E12, Pavilion E, ExpoForum

**AGENDA**

**THURSDAY, 3RD OF OCTOBER 2019**

**10:00-12:30**

Moderator:
Asiko DZHAVAKHYAN,
Ministry of Energy of the Russian Federation,
Adviser to the Minister

Welcome Addresses:
Alexander BEGLOV,
Governor of St. Petersburg

Dmitry KOZAK,
Deputy Head of the Russian Government

Alexey KONTOROVICH,
member of the Russian Academy of Sciences (RAS),
Chairman of the RAS Research Council for Geology and the Development of Oil & Gas and Coal Resources

Keynote speakers:
Dmitry FISHKIN,
Director for the Arctic at Far East Investment and Export Agency
Orest KASPAROV,  
Deputy Director of Federal Subsoil Resources Management Agency

Maxim KULINKO,  
Deputy Director of the Northern Sea Route Division, Head of the Directorate for Development of the Northern Sea Route and the Coastal Territories, Rosatom State Atomic Energy Corporation

Nils Andreas MASVIE,  
Vice-President, DNV GL AS

Sergey MENSHIKOV,  
Head of Department, Gazprom

Alexey NIKITENKO,  
Vice Governor of Arkhangelsk Region for Investment Policy

Andrey PATRUSHEV,  
Deputy CEO for Offshore Projects, Gazprom Neft, CEO, Gazprom Neft Shelf

Alexey RAKHMANOV,  
President, United Shipbuilding Corporation

Denis ROZHENTSEV,  
Head of Department for Investment Projects, LUKOIL

Andrey SHISHKIN,  
Vice-President for Energy, Localization and Innovation, Rosneft

Award of the winners of the Contest for R&D and innovation works aimed at development of the Arctic and continental shelf organized by the Ministry of Energy of the Russian Federation
CONFERENCE SESSION 1

PROSPECTS OF DEVELOPMENT OF HYDROCARBON RESOURCES IN THE RUSSIAN ARCTIC AND ON THE CONTINENTAL SHELF

SESSION 1.1.
READINESS OF THE RESOURCE BASE AND THE CURRENT STATUS OF IMPLEMENTATION OF OIL AND GAS FIELD DEVELOPMENT PROJECTS ON THE CONTINENTAL SHELF

Venue:
Conference hall 9, Pavilion H, ExpoForum

Co-chairs:
Valentina DAVYDOVA,
Ministry of Energy of the Russian Federation,
Project Director of Department for International Cooperation at Russian Energy Agency

Marat NURIEV,
Gazprom, Deputy Head of Directorate

Vladimir KROKHA,
Gazprom Dobycha Shelf Yuzhno-Sakhalinsk LLC,
General Director

Alexander ZHAROV,
Rosneft Oil Company, Head of Department for Licensing and Subsoil Management
AGENDA

TUESDAY, 01 OCTOBER 2019

09:30–09:45 Chairs’ welcome addresses

09:45–10:00 Resource base and the current status of the projects for offshore gas fields development on the Sakhalin shelf
Vladimir KROKHA,
Gazprom Dobycha Shelf Yuzhno-Sakhalinsk LLC

10:00–10:15 Recourses estimate of the Russian Arctic region and direction of geological research
Pavel MELNIKOV,
VNIGNI

10:15–10:30 Law and development of oil and gas resources of the Russian Arctic and the continental shelf: from fragmentation to integrated regulation
Taliya KHABRIEVA,
Institute of Legislation and Comparative Law under the Government of the Russian Federation

10:30–10:45 Arctic studies of the Radium Institute and possibilities of mapping of the Arctic shelf by the method of isotopic geochemistry for identification of mineral deposits
Alexander KOSTYLEV,
Radium Khlopin Institute, JSC

10:45–11:00 The search problems and prospects for the development of new hydrocarbon deposits in the shelf of the Far Eastern Seas
Anna STOROZHEVA,
Gubkin Russian State University of Oil and Gas

11:00–11:30 Coffee-break
11:30–11:45 Diversification of the current and future projects on the Sakhalin shelf by introducing global technology into the Far Eastern production environment
Alexander SHCHERBAKOV, Rosshelf JSC

11:45–12:00 Gazprom Flot LLC’s expertise in drilling wells offshore Sakhalin island
Mikhail TSEMKALO, Gazprom Flot LLC

12:00–12:15 Technology solutions to increase efficiency of oil and gas production on the Russian Arctic shelf: case study of Prirazlomnoye field
Andrey PONOMAREV, Gazprom Neft Shelf LLC

12:15–12:30 Oil and gas potential of fractured reservoirs of the Pechora Sea
Roman SAUTKIN, Lomonosov Moscow State University

12:30–12:45 Technology and solutions for infrastructure development of Russian offshore fields
Irina VERYUZHSKAYA, Oglænd System

12:45–13:00 In-time and on-budget construction of GBS foundations for offshore O&G production platforms
Fredrik FINSETH, Kvaerner AS

13:00–14:30 Lunch

14:30–14:45 Continuous improvement in wellbore position accuracy: ultra-extended-reach drilling in Far Eastern Russia
Benny POEDJONO, Schlumberger

14:45–15:00 The development and application of active heating technologies for flowlines and risers
Timothy John CROME, TechnipFMC
15:00–15:15 **Main provisions of the methodology for calculating the extreme values of ice load and their reflection in the standards ISO 19906 and GOST R 58283**
Dmitry ONISHCHENKO, Gazprom VNIIGAZ LLC

15:15–15:30 **Ice management (IM) for safe and efficient maritime operations in Arctic**
Viktor CHUGUNOV, Arctic Marine Technologies

15:30–15:45 **Impact of the ice fields with fixed barrier under the influence of the wind of the drift current**
Vasily PYATKIN, Krylov State Research Centre

15:45–16:00 **Ice condition monitoring and ice operations management**
Alexander NAUMENKO, Gazprom Geologorazvedka LLC

16:00–16:15 **Project execution model of offshore project with routing of engineering data**
Vasiliy BAYAZITOV, Gubkin Russian State University of Oil and Gas, OGE Engineering JSC

16:15–16:30 **Discussion. Chairs’ closing remarks. Preparation of materials for the Conference Resolutions**
CONFERENCE SESSION 1.2.

READINESS OF THE RESOURCE BASE AND GAS CONDENSATE FIELD DEVELOPMENT PROJECTS OF THE ARCTIC COAST AND THE KARA SEA SHELF, INCLUDING THE OB AND TAZ BAYS

Venue:
Conference hall 9, Pavilion H, ExpoForum

Co-chairs:
Denis ILCHENKO,
Gazprom, Head of Division

Igor MELNIKOV,
Gazprom Dobycha Nadym, General Director

Andrey YEFIMOV,
Gazprom Dobycha Yamburg, Deputy General Director for Long-Term Development

Sergey SHKARUBO,
Marine Arctic Exploration Expedition, Chief Geologist

Andrey CHERNYKH,
VNIIOkeangeologia named after I.S. Gramberg, Deputy General Director

Oleg PRISHCHEPA,
All-Russia Petroleum Research Exploration Institute (VNIGRI), Managing Director

Sergey SMIRNOV,
President of the Sozvezdye Association of Oil and Gas Suppliers, head of the Arkhangelsk Oblast shipbuilding cluster

Sergey KOKIN,
Arkhangelsk Transport Hub JSC, General Director

Executive secretary:
Arseny MITKO,
Head of the Young Northern Scientists’ Council at the Arctic Academy of Sciences
AGENDA
WEDNESDAY, 02 OCTOBER 2019

09:30–09:45 Chairs’ welcome addresses

09:45–10:00 Experience and perspective of Arctic offshore area development
Sergey KNYSH, CDB Corall JSC

10:00–10:15 Development of logistic schemes of supply and delivery of products of deposits of the Arctic zone of the Russian Federation on the example of the sea port Arkhangelsk
Sergey KOKIN, ATIH Arkhangelsk JSC

10:15–10:30 Projects in the Arctic zone of the Russian Federation as a driver to improve transport infrastructure in the Arctic
Sergey SMIRNOV, Sozvezdye Association of oil and gas suppliers

10:30–10:45 Petroleum prospects of the Timan-Pechora offshore basin based on the results of regional seismic exploration data research
Oleg PRISCHEPA, VNIGRI

10:45–11:00 Aerospace technology for offshore oil and gas fields development in the Arctic
Pyotr KORVYAKOV, Gazprom Space Systems JSC

11:00–11:30 Coffee-break

11:30–11:45 New tectonic map of the Arctic
Evgeny PETROV, FGBU VSEGEI

11:45–12:00 Taking into account the local peculiarities of hydrometeorological and ice regime of various areas of the Arctic offshore while performing the engineer surveys
Alexander NESTEROV, Arctic and Antarctic Research Institute
12:00–12:15 **Hummocks keel draft in the Kara Sea according to data of bottom sonars**
Alexey NAUMOV, Arctic and Antarctic Research Institute

12:15–12:30 **Construction of PO-1 prospecting well at the North-Obskiy license area, integrated approach to optimizing the construction of offshore exploration wells**
Nikolay VOVK, Novatek

12:30–12:45 **Particular features of offshore field development projects at Obskaya bay**
Denis ILCHENKO, Gazprom

12:45–13:00 **Solutions of Severodvinsk industrial cluster for construction of ice-resistant oil platform “A” for Kamennomysskoye-Sea field**
Nikolay KALISTRATOV, Zvyozdochka Shiprepairing center, JSC

13:00–14:30 Lunch

14:30–14:45 **The issues of exploring the Kharasavey and Krusenstern Fields**
Dmitry STRATOV, Gazprom dobycha Nadym LLC

14:45–15:00 **Search and mapping of geological hazards on the West Yamal shelf**
Alexander DEMONOV, Marine Arctic Geological Expedition JSC

15:00–15:15 **Current status of the Kamennomysskoye-sea gas field construction design**
Andrey EFIMOV, Gazprom Dobycha Yamburg LLC

15:15–15:30 **Features of the geological structure and prospects of new discoveries of oil deposits in the lower Cretaceous and Jurassic sediments in the waters of the Obskaya and Tazovskaya Bays of the Kara Sea**
Alexander DZIUBLO, Gubkin Russian State University of Oil and Gas
15:30–15:45 **The Kara Sea as a potential testing ground for effective cooperation between state-owned companies and enterprises of Federal Subsoil Resources Management Agency to explore and develop offshore oil and gas resources**
Andrey CHERNYKH, VNIIOkeangeologia named after I.S. Gramberg

15:45–16:00 **The features of preparing ice infrastructure for unloading sea ships in the points of non-mooring ship handling via fast ice**
Nikolay KUBYSHKIN, Arctic Shelf Consulting LLC

16:00–16:30 Coffee-break

16:30–16:45 **Complex of organizational and technical activities for construction of search-evaluating and operational wells on the shelf of the Okhotsk and Kara Seas**
Maksim DERYABIN, Chelpipe, Eduard FATUNOV, Rosshelf JSC

16:45–17:00 **Column building algorithm for automated vehicles**
Maxim FARAFONTOV, Nizhny Novgorod State Technical University named after R.E. Alekseev

17:00–17:15 **Innovative technology of natural gas extraction in the open sea**
Anatoly MISHEDCHENKO, MCC-Shaftproject LLC

17:15–17:30 **Lower cretaceous clinoforms of the Barents-Kara Sea shelf: new exploration targets**
Alina MORDASOVA, Lomonosov Moscow State University

17:30–17:45 **Discussion. Chairs’ closing remarks. Preparation of materials for the Conference Resolutions**
CONFERENCE SESSION 1.3.

OIL AND GAS FIELD DEVELOPMENT PROJECTS OF THE CASPIAN, BLACK, AZOV AND BALTIC SEAS

Venue:
Conference hall 9, Pavilion H, ExpoForum

Co-chairs:
Yuri SHAMALOV,
Gazprom Flot, General Director
Alexander ZIMIN,
Krylov State Research Center, Chief Designer

Executive Secretary:
Irina BLAGOVIDOVA,
CDB Corall, Deputy Head of General Project Design and Marine Architecture

AGENDA

THURSDAY, 03 OCTOBER 2019

14:30–14:45  Gazprom Flot LLC’s expertise of drilling wells in the Azov and Baltic Seas
Sergey BOKAREV,
Gazprom Flot LLC

14:45–15:00  The experimental and mathematical modeling in the design of the LNG jetty
Alexander ZIMIN,
Krylov State Research Centre

15:00–15:15  Numerical modelling of marine operation stages during the construction of oil & gas facilities at sea
Irina BLAGOVIDOVA,
CDB Corall JSC

15:15–15:30  Remote monitoring system of offshore platforms
Alexey KUKUSHKIN,
Transas LLC
15:30–15:45 Application of the numerical modelling methods for determining stability parameters and external actions on the jack-up
Andrey PYANOV, CDB Corall JSC

15:45–16:00 Oil & gas fields development in the Northern Caspian Sea: case study of the Kuvykin field
Oleg SHUMOVSKY, Lukoil PJSC

16:00–16:30 Coffee-break

16:30–16:45 Oil and gas potential of the Russian Arctic shelf: new promising oil and gas fields
Anna SUSLOVA, Lomonosov Moscow State University

16:45–17:00 Suggestions on increasing the fillability of cargo tanks for transportation of liquid cargo in bulk
Valentina GETMAN, Saint-Petersburg State Marine Technical University

17:00–17:15 Innovative areas of economic activity on the Arctic shelf
Valery MITKO, Arseny MITKO, Arctic Public Aacademy of Sciences

17:15–17:30 New approach and tendency of exploration on oil and gas
Antonina STUPAKOVA, Lomonosov Moscow State University

17:30–17:45 Discussion. Chairs’ closing remarks. Preparation of materials for the Conference Resolutions
CONFERENCE SESSION 2

THE CURRENT STATUS AND PROSPECTS OF PRODUCTION OF INNOVATIVE MARINE OIL AND GAS FIELD EQUIPMENT AND SYSTEMS FOR MACHINE AND SHIP BUILDING PLANTS OF THE RUSSIAN FEDERATION

SESSION 2.1.
DESIGN, CONSTRUCTION AND OPERATION OF OFFSHORE OIL AND GAS PRODUCTION PLATFORMS AND LNG PRODUCTION FACILITIES

Venue:
Conference hall 7, Pavilion H, ExpoForum

Co-chairs:
Oleg TIMOFEEV,
Saint-Petersburg State Marine Technical University, Professor
Andrey TIMIN,
Morneftegazproekt JSC, General Director

Executive Secretary:
Vladimir TAROVIK,
Krylov State Research Center, Chief Designer
AGENDA
WEDNESDAY, 02 OCTOBER 2019

09:30–09:45  Chairs’ welcome addresses

09:45–10:00  Outstanding problem of technical means using for personnel group evacuation from offshore oil and gas facilities
Vladimir TAROVIK,
Krylov State Research Centre

10:00–10:15  Experimental justification of methods for mitigation of ice actions on offshore structures and for ice loads calculation
Gennady KRYZHEVICH,
Krylov State Research Center

10:15–10:30  Modern technologies for assembly and welding of hull structures of sea-shelf development facilities
Alexey VASILYEV,
Shipbuilding & Shiprepair Technology Center, JSC

10:30–10:45  Features of engineering survey for positioning of drilling platforms in Arctic Seas
Ivan MARCHENKO,
Marine Arctic Geological Expedition, JSC

10:45–11:00  Comprehensive approach guided towards increasing the periods of drilling to enhance the capabilities of the offshore drilling process in ice conditions
Maria NIKOLAEVA,
Morneftegazproject, JSC

11:00–11:30  Coffee-break

11:30–11:45  Arctic and Cold Climate Solutions
Haakon SKRETTING,
Norwegian Energy Partners

11:45–12:00  Assessment of the strength and stability of the construction of the protective structure in the construction and operational periods
Svetlana SOSNINA,
Vedeneev VNIIG, JSC
12:00–12:15 Float technological FPSO/FLNG platforms capacity evaluation for the project intents
Konstantin BEREZHNOY, Krylov State Research Centre

12:15–12:30 Impressed current corrosion protection and corrosion monitoring of offshore, underwater and harbor facilities
Anatoly YABLUCHANSKIY, Pipeline Systems and Technologies JSC

12:30–12:45 Severstal’s capacity for production of flat products and large-diameter pipes for offshore projects
Viacheslav MIKHEEV, Severstal Management JSC

12:45–13:00 Tap to trasmitter Swagelok solutions. Engineering combinations of materials for hook-up sensors and instrument in the sea climate application
Sergey BONDARENKO, Swagelok Russia

13:00–14:30 Lunch

14:30–14:45 Marine robots for world ocean exploration
Gleb TURICHIN, Saint-Petersburg State Marine Technical University

14:45–15:00 The safety assessment of floating oil and gas platforms using the criterion «fail-safe»
Yury KHARCHENKO, Gubkin Russian State University

15:00–15:15 Hydrocarbon reserves and resources of the Russian Arctic and continental shelf. Prospects for development
Igor SHPUROV, State Committee for Natural Resources

CONFERENCE SESSION 2.2.

UNDERWATER TECHNOLOGIES
AS THE KEY TO HYDROCARBON RESOURCES
OF THE CONTINENTAL SHELF IN VARIOUS
CLIMATE ZONES. INTERNATIONAL COOPERATION

Venue:
Conference hall 7, Pavilion H, ExpoForum

Co-chairs:
Alexey NOVIKOV,
Gazprom, Deputy Head of Directorate

Egil TVEIT,
TechnipFMC, Technical Director, Russia

Sergey USTINOV,
Titan-Barrikady Federal Research and Production
Center, Head of Department

Oleg SOCHNEV,
Rosneft Oil Company, Deputy Director of the Scientific
Development and Innovations Department

Sergey TIMOSHKIN,
Gazprom Dobycha Shelf Yuzhno-Sakhalinsk,
Head of Production Directorate

Executive Secretary:
Alexey AGAFONOV,
Krylov State Research Center, Chief Designer

AGENDA
THURSDAY, 03 OCTOBER 2019

14:00–14:15 Chairs’ welcome addresses
14:15–14:30 Krylov Center experimental base
development project to ensure OPC home
equipment construction
Alexey AGAFONOV,
Krylov State Research Centre
14:30–14:45 **On the creation of domestic equipment for underwater hydrocarbon extraction**
Sergey USTINOV,
Titan-Barricades Federal Research and Production Center

14:45–15:00 **Creation of digital submersed production**
Alexey KIBKALO,
Viktor BASHURIN, RFNC-VNIIEF FGUP

15:00–15:15 **Industry acceptance of the integrated contract model (iEPCI) for subsea**
Egil TVEIT,
TechnipFMC

15:15–15:30 **Specifics of infrastructure development and operation of subsea oil & gas production facilities on Sakhalin Island**
Evgeny PODOLYAKO,
Gazprom PJSC

15:30–15:45 **Managing reservoir development in offshore fields with subsea wellheads**
Yulia KAMINSKAYA,
Gazprom Dobycha Shelf Yuzhno-Sakhalinsk LLC

15:45–16:00 **Definition technique of residual term operation for subsea production system**
Eldar SALEEV,
Gazprom Dobycha Shelf Yuzhno-Sakhalinsk LLC

16:00–16:30 Coffee-break

16:30–16:45 **How well penetration and bottom hole design impacts well performance**
Artem BELOZEROV,
Murmansk State Technical University

16:45–17:00 **Conceptual design of special containment dome for subsea oil spill response**
Ivan ROMSHIN,
Lazurit Central Design Bureau JSC
17:00–17:15 Methodological approach to verify general operational parameters of subsea booster compression station based on sensitivity analysis
Mikhail VORONTSOV, Gazprom VNIIGAZ LLC

17:15–17:30 General solutions for application of subsea booster compression stations for offshore fields development in the Arctic and in the Far East of Russia
Alexander DROZDOV, Gazprom VNIIGAZ LLC

17:30–17:45 Discussion. Chairs’ closing remarks. Preparation of materials for the Conference Resolutions
25 ЛЕТ НА ШЕЛЬФЕ РОССИИ

ООО «Газпром флот» — одна из крупнейших нефтегазовых судовладельческих компаний России, реализующая уникальный проект по освоению шельфовых месторождений Арктики и Дальнего Востока.
CONFERENCE SESSION 3

CREATING A FLEET FOR DEVELOPMENT OF OIL AND GAS FIELDS OF THE COASTAL AREAS AND SHELF OF THE ARCTIC SEAS

Venue:
Conference hall 7, Pavilion H, ExpoForum

Co-chairs:
Alexander DUBOVOY,
Gazprom, Deputy Head of Directorate

Andrey KRESTYANTSEV,
Krylov State Research Center, Deputy head of the Department

Alexey ILYIN,
Kurchatov Institute National Research Center, CRISM «Prometey», Deputy Head of Research, Head of the Structural Steels and Functional Materials for Shipbuilding research and production complex

Sergey BUYANOV,
Central Marine Research and Design Institute, General Director

Alexey LOBANOV,
GAZPROM, Head of the Shipbuilding Department

Alexander PASHALI,
Rosneft Oil Company, Head of Department

Evgeny APPOLONOV,
Lazurit Central Design Bureau, General Director

Alexander GROMOV,
Gazprom Proektirovanie, Head of department (invited)
Valery BORODIN,
Sevmash Production Association JSC,
Head of the Guarantee and Service Department for Military and Technical Cooperation and Civil Projects

Executive secretaries:
Mikhail KIRILLOV,
Rubin Central Design Bureau for Marine Engineering, Deputy Chief Designer

Olga SYCH,
Kurchatov Institute National Research Center, CRISM «Prometey», Head of Sector

Roman ROMANOV,
Krylov State Research Center, Head of the Department

AGENDA
TUESDAY, 01 OCTOBER 2019

09:30–09:45 Chairs’ welcome addresses

09:45–10:00 Current state and development trends of research and seismic fleet: business needs and shipbuilding industry capability
Alexey LOBANOV,
Gazprom PJSC

10:00–10:15 Oil & gas fleet construction: experience and outlook
Alexander TARKHOV,
Gazprom Flot LLC

10:15–10:30 Designing of Arctic-class offshore multi-purpose vessels
Sergey PILIKIN,
Lazurit Central Design Bureau JSC

10:30–10:45 Development of Russian manned underwater apparatus for maintenance of subsea long-distance gas pipelines
Vasily USTINOV,
Kurchatov Institute National Research Center,
Sergey FOKIN,
Underwater Research Center of the Russian Geographical Society
10:45–11:00 Scientific-technological basics of Arctic cold-resistant steels development
Olga SYCH,
Kurchatov Institute National Research Center – CRISM “Prometey”

11:00–11:30 Coffee-break

11:30–11:45 The development of basic design for PR.22740M shallow water icebreaker to be built at Zvezda SBC
Anatoly PETROV,
Lazurit Central Design Bureau JSC

11:45–12:00 Development of competitive technologies and equipment for precision production of bulky hull structures for Arctic vessels and offshore marine machinery
Vladimir BUKATO,
Shipbuilding & Shiprepair Technology Center, JSC

12:00–12:15 Severstal’s capacity for production of flat products for shipbuilding including cold-resistant steel for the Arctic
Anton POPKOV,
Severstal Management JSC

12:15–12:30 Study of the supply fleet efficiency factors on the Kara Sea case
Andrey KRESTYANTSEV,
Krylov State Research Centre

12:30–12:45 Potential of Academik Cherskiy Vessel to perform offshore pipelay and underwater engineering work
Dmitry EMELYANOV,
Gazprom Flot LLC

12:45–13:00 Palfinger lifting and rescue equipment for work in the conditions of the Arctic and continental shelf of the Russian Federation
Vladimir AVDEYCHIK,
Palfinger Marine Rus LLC

13:00–14:30 Lunch
14:30–14:45 Azipod propulsion system as a groundbreaking technology for vessels working in harsh ice environment
Dmitry MELEKHIN, ABB

14:45–15:00 Evaluation of environmental limits set by International Maritime Organization on the marine fuel market in the Arctic basin
Alexey RODIN, Gazpromneft Marine Bunker Ltd.

15:00–15:15 Methodical and organizational framework for training marine engineers to operate equipment on the shelf of the Russian Federation
Viktor ROMANOVSKIY, Admiral Makarov State University of Maritime and Inland Shipping

15:15–15:30 ECS dKart navigator ice advanced technology for efficient use of ice and navigation information on platform and ice ships
Ivan SITNIKOV, NAVdCo LLC

15:30–15:45 Fuels and lubricants for the vehicle operation in the Arctic zone
Maksim MATIN, 25th State Research Institute of the chemmotology of the Ministry of Defence of the Russian Federation

15:45–16:00 Education and training of maritime crew personnel for semi-submersible rigs
Andrey KOZHEVNIKOV, Sim Tech LLC

16:00–16:15 Discussion. Chairs’ closing remarks. Preparation of materials for the Conference Resolutions
CONFERENCE SESSION 4

ENERGY SUPPORT FOR PRODUCTION OF HYDROCARBONS ON THE ARCTIC CONTINENTAL SHELF

Venue:
Conference hall 8, Pavilion H, ExpoForum

Co-chairs:
Vasiliy USTINOV, Kurchatov Institute National Research Center, Deputy Director for Special Projects
Vladimir ANTONOV, Malachite St. Petersburg Marine Bureau of Machine Building, Chief Designer

Executive secretaries:
Vladimir MALYGIN, Krylov State Research Center, Chief Designer
Nijat ISAKOV, Kurchatov Institute National Research Center
AGENDA
WEDNESDAY, 02 OCTOBER 2019

09:30–09:45 Chairs’ welcome addresses

09:45–10:00 Small nuclear power engineering: awaiting offshore projects
Alexander FROLOV,
Kurchatov Institute National Research Center

10:00–10:15 The concept development of the low-power energy module for underwater production complex energy supply in the Russian Arctic climate conditions
Vladimir MALYGIN,
Krylov State Research Centre

10:15–10:30 Designs of small nuclear power plants: land-based and floating modifications
Dmitry SHCHEKIN,
Afrikantov OKBM JSC

10:30–10:45 Concept engineering solutions. Power supply systems of 40-80 MWt for LNG
Alexey NADYRSHIN,
United Shipbuilding Corporation

10:45–11:00 Research and development of nuclear power units for new generation nuclear-powered ice breakers and floating power units
Vladimir MAKAROV,
Kurchatov Institute National Research Center

11:00–11:30 Coffee-break

11:30–11:45 Modern electric power systems and electric power plants for supply vessels and marine oil & gas facilities
Andrey GRIGORYEV,
Saint-Petersburg Electrotechnical University “LETI”

11:45–12:00 Summation of exploitation of ARC130A multi-purpose diesel electric icebreakers
Vladimir ZAGORULKO,
Gazpromneft Shipping LLC
12:00–12:15 *How to increase efficiency of liquid hydrocarbons transportation*
Denis VORONTSOV, Rospan International JSC

12:15–12:30 *Power supply of subsea production systems*
Sudur SUGUNUSHEV, Gubkin Russian State University of Oil and Gas

12:30–12:45 *Discussion. Chairs’ closing remarks. Preparation of materials for the Conference Resolutions*
CONFERENCE SESSION 5

ENVIRONMENTAL AND INDUSTRIAL SAFETY OF HYDROCARBON DEVELOPMENT IN THE RUSSIAN ARCTIC AND ON THE CONTINENTAL SHELF

Venue:
Conference hall 8, Pavilion H, ExpoForum

Co-chairs:
Sergey SINYAKOV, Gazprom, Deputy Head of Division
Anatoly SOROKIN, Gazprom Gazobezopasnost LLC, General Director

Executive Secretaries:
Anatoly SHAVYKIN, Murmansk Marine Biological Institute of Kola Scientific Center of Russian Academy of Sciences, Chief Research Scientist of the Environmental Engineering Laboratory
Nikolay VALDMAN, Krylov State Research Center, Head of Section
AGENDA

TUESDAY, 01 OCTOBER 2019

09:30–09:45 Chairs’ welcome addresses

09:45–10:00 New trends in monitoring of marine objects on the example of the Block conductor
Alexey SHICHENKOV,
Transas LLC

10:00–10:15 Perspective safety regulation of marine oil and gas objects
Alexey LYAPIN,
Union of HSE Experts (SSPEB), LLC

10:15–10:30 Environmental security ensuring in exploration for hydrocarbons on the shelf of the Bering Sea under industrial development of the coastal zone on Kamchatka side
Vadim DMITRIEV,
Peter’s Academy of Sciences and Arts

10:30–10:45 Catalytic cleaning of gas emissions from greenhouse gases when developing Arctic shelf deposits
Kirill TOMSKY,
Maria IVANOVA,
Polytechnic Institute (branch)
of the North-Eastern Federal University
named after M.K. Ammosov in Mirny

10:45–11:00 Development problems of vulnerability maps of sea-coastal zones to oil
Anatoly SHAVYKIN,
Murmansk Marine Biological Institute
of the Kola Scientific Center
of the Russian Academy of Sciences

11:00–11:30 Coffee-break

11:30–11:45 Fire protection as an element of sustainable operation of Arctic oil and gas platforms
Alexey MIRONCHEV,
Saint-Petersburg University of State Fire Service of EMERCOM of Russia
11:45–12:00 **Salvaging of sunken vessels in Arctic and Far Eastern coastal waters: ecological aspects**  
Nikolay VALDMAN,  
Krylov State Research Centre

12:00–12:15 **Satellite methods for definition of the ice cover state to ensure efficiency and safety of ice navigation along the NSR**  
Irina BYCHKOVA,  
Arctic and Antarctic Research Institute

12:15–12:30 **Financial figures of expenses, losses and compensation of oil spills clean up. Modelling of impacts of oil spills controlled burning**  
Valentin ZHURAVEL,  
Informatics of Risk Science and Methods Center

12:30–12:45 **The importance of hydrometeorological monitoring of the Arctic to ensure the uninterrupted realization of offshore operations**  
Konstantin SMIRNOV,  
Arctic and Antarctic Research Institute

12:45–13:00 **International liability regime for oil pollution damage arising from offshore activities**  
Elena GAVRILINA,  
MGIMO

13:00–14:30 Lunch

14:30–14:45 **Some aspects of radiological monitoring applied to promising subsea production technologies in Arctic and continental shelf regions**  
Igor GAPONOV,  
Kurchatov Institute National Research Center
14:45–15:00 Development of technology and a complex of automated equipment for manufacturing protection units of nuclear-powered icebreakers and floating nuclear power stations
Vladimir SOLOMATOV, Shipbuilding & Shiprepair Technology Center JSC

15:00–15:15 New generation of explosive cutting devices for demounting the bases of offshore oil constructions
Igor ZANEGIN, RFNC-VNIIEF

15:15–15:30 Perspective high-speed helicopter for use in rescue operations and service remote from a short trail of oil-producing platforms or ships located along the Northern Sea Route
Oleg KIRILLOV, Central AeroHydrodynamic Institute

15:30–15:45 Well control service on offshore facility (drilling rigs, fixed platforms) in the progress of offshore field development
Sergey SVERCHKOV, Gazprom gazobezopasnost LLC

15:45–16:00 Highly effective marine dispersant for oil spill response FINASOL OSR 52
Evgeny TRAVNIKOV, Total Vostok

16:00–16:30 Coffee-break

16:30–16:45 Arctic coast remediation: new Russian biotechnologies
Ilya KULIKOV, State Regional Centre for Standardization, Metrology and Testing in the Murmansk region

16:45–17:00 Domestic technology – the source of receiving reliable data during the works on ocean shelf
Olga LOZITSKAYA, AVERS, CIT LLC
17:00–17:15 Challenges of sewage water and liquid waste handling management in the Arctic shelf region
Igor KAPLIN, CDB Corall JSC

17:15–17:30 Fast liquidation complex of emergency oil spills on the Arctic shelf
Alla KOSHURINA, Nizhny Novgorod State Technical University named after R.E. Alekseev

17:30–17:45 Multi-purpose polymer sorbent agents with additional performing capacity ensuring ecological safety of the Northern Sea Route and the Arctic cluster for cleanup of water areas, Arctic soils and continental shelf
Vladimir MELKOZEROV, Sibecosorb, LLC

17:45–18:00 Discussion. Chairs’ closing remarks. Preparation of materials for the Conference Resolutions
CONFERENCE SESSION 6


Venue
Conference Hall 10, Pavilion H, ExpoForum

Sponsor:

Organizers:

Co-chairs:
Pavel SOROKIN,
Deputy Minister for Energy of the Russian Federation

Alexander GLADKOV,
Ministry of Energy of the Russian Federation,
Director of Oil and Gas Production and Transportation Department

Elena KASYAN,
GAZPROM, Head of the Department

Maxim NEDZVETSKY,
Gazprom VNIIGAZ LLC, General Director,
Gazprom, Deputy Director of Department

Vyacheslav RUKSHA,
ROSATOM State Atomic Energy Corporation,
Deputy CEO, Director of the Northern Sea Route Division

**Expert panel:**

Vadim PETRENKO,
GAZPROM, Head of Directorate

Alexey MALYUTIN,
Gazprom Neft, Director of Department for Prospective Development and Project Portfolio Management

Andrey SUYETINOV,
Gazprom Dobycha Shelf Yuzhno-Sakhalinsk LLC, Chief Engineer, First Deputy General Director

Valery IVANOV,
Gazprom Flot LLC, Deputy General Director for Human Resources

Andrey GUSTOY,
Gazprom Neft, Deputy General Director for Organizational Issues

Stanislav GOLUBIN,
Gazprom VNIIGAZ LLC, Director of R&D Center for Offshore Oil and Gas Development

Dilizhan MIRZOYEV,
Gazprom VNIIGAZ LLC, Chief Researcher

Sergey VERBITSKIY,
Head of Department at St. Petersburg State Marine Technical University

**Executive Secretaries:**

Konstantin BEREZHNOY,
St. Petersburg State Marine Technical University, Senior Lecturer

Natalya ANISIMOVA,
Director of Gazprom VNIIGAZ LLC Training Facility
AGENDA
TUESDAY, 01 OCTOBER 2019

10:00–10:40 Welcome addresses:
Pavel SOROKIN,
Deputy Minister for Energy of the Russian Federation
Elena KASYAN,
GAZPROM, Head of the Department
Maxim NEDZVETSKY,
Gazprom VNIIGAZ LLC, General Director, Gazprom, Deputy Director of Department
Vyacheslav RUKSHA,
ROSATOM State Atomic Energy Corporation, Deputy CEO, Director of Northern Sea Route Division
Andrey SUYETINOV,
Gazprom Dobycha Shelf Yuzhno-Sakhalinsk LLC, Chief Engineer, First Deputy General Director, Representative of the Young Session Sponsor

10:40–11:00 Training of the qualified industry professionals to work in the Arctic
Sergey BARYSHNIKOV,
Admiral Makarov State University of Maritime and Inland Shipping, Rector

11:00–11:30 Coffee-break

11:30–13:00 Digital transformation
Aliya SAMATOVA,
Innopolis University, Vice Rector for Development and Human Resources

13:00–14:30 Lunch

14:30–16:00 Creation of social and economic conditions for population and development of coastal areas of the Arctic zone
Alexander PILYASOV,
D.Sc., Lomonosov Moscow State University, Professor, Institute of Regional Consulting, General Director
16:00–17:30 **Specifics of ice conditions at Yamal coastal water areas**

Dmitry ONISHCHENKO, Director of Laboratory of Applied Force and External Effects at Gazprom VNIIGAZ

**WEDNESDAY, 02 OCTOBER 2019**

09:30–11:00 Team building training

Sergey ZHUKOVSKY, Gazprom Corporate Institute, Director

11:00–11:30 Coffee-break

11:30-13:00 Workshop with consultants from Gazprom VNIIGAZ, Northern Sea Route Division of Rosatom, St. Petersburg State Marine Technical University, Gazprom, Gazprom Neft

13:00–14:30 Lunch

14:30-17:30 Workshop with consultants from Gazprom VNIIGAZ, Northern Sea Route Division of Rosatom, St. Petersburg State Marine Technical University, Gazprom, Gazprom Neft

**THURSDAY, 03 OCTOBER 2019**

09:30–11:00 Defence of presentations (Teams 1 - 4)

11:00–11:30 Coffee-break

11:30–13:00 Defence of presentations (Teams 5 - 8)

13:00–14:30 Lunch

14:30–16:30 **Closing addresses. Award of the winner team**
FOR THE FIRST TIME IN RUSSIA

Gazprom dobycha shelf Yuzhno-Sakhalinsk, LLC, the wholly owned subsidiary of Gazprom, has carried out the commercial production at the Kirinskoye gas and condensate field on the shelf of Sakhalin Island since 2014. For the first time ever in Russian gas industry, the hydrocarbons here are produced by a subsea production system.
CONFERENCE SESSION 7


Venue:
Conference hall 8, Pavilion H, ExpoForum

Co-chairs:
Maxim KULINKO,
Deputy Director of the Northern Sea Route Division, Head of the Directorate for Development of the Northern Sea Route and the Coastal Territories, Rosatom State Atomic Energy Corporation

Mikhail GRIGORIEV,
Gecon LLC, General Director, Research Council at Security Council of the Russian Federation, R&D Council at Ministry of Natural Resources and Environment of the Russian Federation

Executive secretary:
Inga SOCHNEVA,
Doctor of Science, Associate Professor at the Department for Global Energy Policy and Energy Safety at MGIMO University, IIEP
AGENDA
THURSDAY, 03 OCTOBER 2019

14:00–14:05 Chairs’ welcome addresses

14:05–14:20 Provisional data of shipping along the Northern Sea Route in 2019
Nikolay MONKO, The Northern Sea Route Administration

14:20–14:35 TBC
Sergey KHRUSHCHEV, Ministry of Natural Resources and Environment of the Russian Federation

14:35–14:50 Development of nuclear-powered ice breaker fleet for support of large-scale projects in the Arctic
Mustafa KASHKA, Atomflot

14:50–15:05 Northern Sea Route shipping: myths and reeves
Mikhail GRIGORIEV, Gecon LLC, Research Council at Security Council of the Russian Federation, R&D Council at Ministry of Natural Resources and Environment of the Russian Federation

15:05–15:20 Regarding peculiarities of ice navigation on the sea channel of port Sabetta in winter period
Diana KIDZHI, Atomflot

15:20–15:35 Arctic fleet operation through the NSR
Dmitry ELESIN, Gazpromneft Shipping LLC

15:35–15:50 Possibilities of using low ice class vessels for seasonal transportation of hydrocarbons in the Arctic
Alexey SHTREK, Aker Arctic Technology LLC
15:50–16:05 Joint capacities of railroad transportation and the Arctic ports to increase cargo traffic in the Arctic
Natalia VINOKUROVA, RZD Logistics LLC

16:05–16:30 Coffee-break

16:30–16:45 Digitalisation of the Arctic logistics
Rafael VALIULLIN, Gazprom Neft

16:45–17:00 Information support of operations for navigation and berthing of transport in the shelf waters of the Arctic zone of the Russian Federation on the basis of modern radar and navigation technologies
Vadim USACHEV, Bauman Moscow State Technical University

17:00–17:15 Specific factors to ensure hydrometeorological safety along the Northern Sea Route
Alexander MAKAROV, Arctic and Antarctic Research Institute

17:15–17:30 Development of technologies of ice services in the winter period for provision of stable oil and gas transportation in the area of the Northern Sea Route
Yevgeny MIRONOV, Arctic and Antarctic Research Institute

17:30–17:45 Russian Federation application for the extension of the continental shelf in the Arctic Ocean and the current development directions of the world offshore hydrocarbon production
Inga SOCHNEVA, MGIMO University, IIEP

17:45–18:00 Discussion. Chairs’ closing remarks. Preparation of materials for the Conference Resolutions
POSTER PRESENTATION

GEOLOGICAL AND GEOPHYSICAL DATA SUPPORT OF OIL & GAS RESOURCES DEVELOPMENT OF THE RUSSIAN ARCTIC AND CONTINENTAL SHELF

Venue:
stand F7, Pavilion E, ExpoForum

Organiser:
Rosgeolfond, Marine Branch
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