



AURORA

Offshore projects implementation  
with participation of Aurora JSC

# Our Top Management Team



**Dmitry  
Lavrenenok**

General Director  
JSC Aurora

## Our values:

### Cooperation

The basis of our activity is the ability to understand the needs of our customers, listen and take their opinion into account when choosing the approach and principles of service delivery and achieving results. We are interested in building long-term and productive partnerships with our clients, where each party becomes the beneficiary.

### Responsibility

We consciously make decisions and we're always ready to be responsible for the results of our activities. We strive to create products and solutions for our customers that combine high quality and flexibility for unique tasks.

### Efficiency

The productive and thoughtful use of available resources, as well as the high professionalism of our team, allows us to be highly efficient in performing tasks of varying complexity.

### Purposefulness

We strive to be leaders in our activities, to achieve the maximum possible result and quality.



**Valentin Mamaev**

Deputy Director – Head of Logistics



**Ilya Tarazevich**

Head of Drilling Services Department



**Alexey Krivdenko**

Financial Director



**Maxim Prusakov**

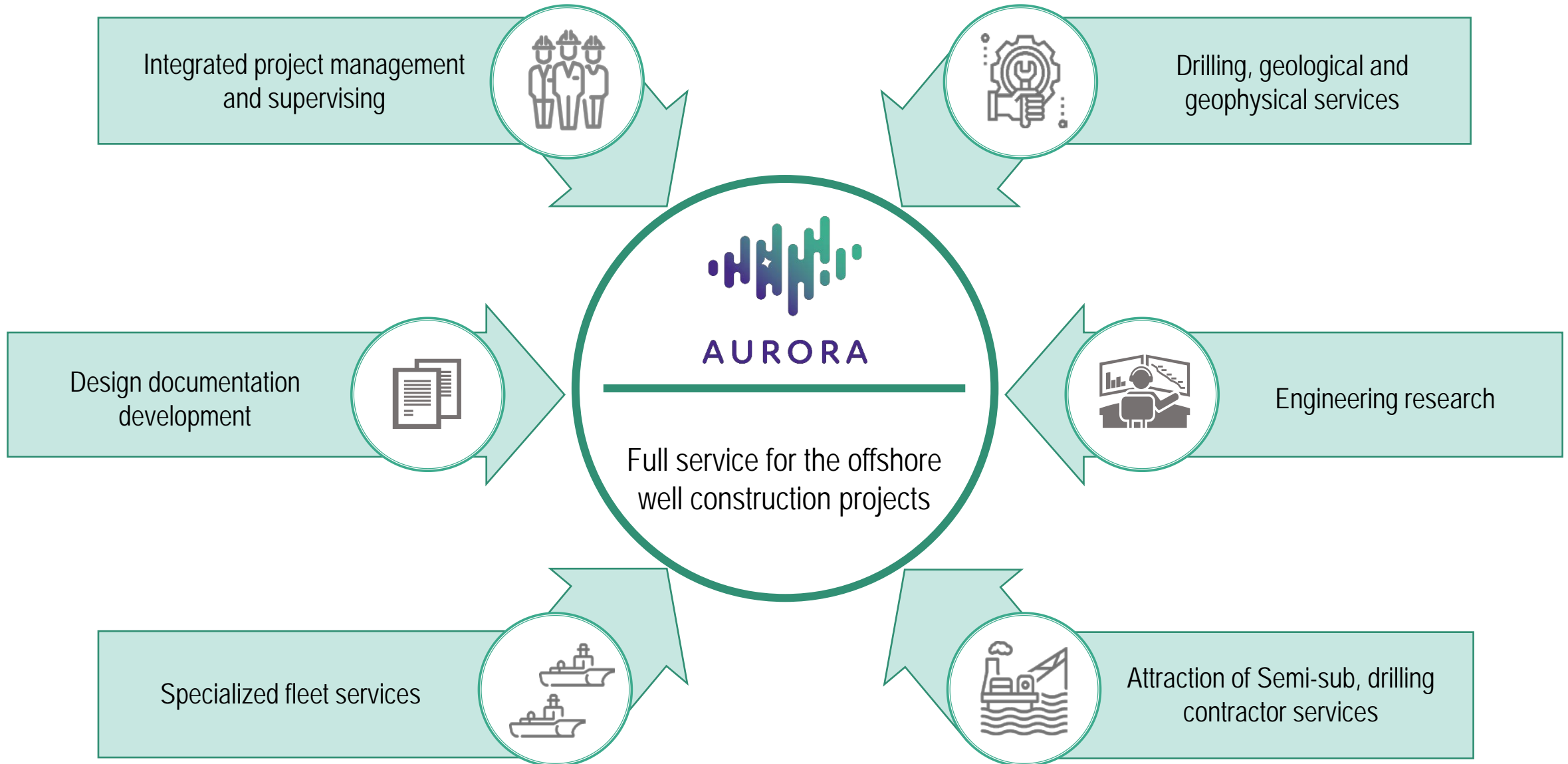
Head of Geology Department




**Boris Khimyak**


Head of Drilling Department


# Complex solutions for the offshore projects





# Why It's Profitable to Work With Us


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**Highly qualified team of professionals**  
competence and experience in all areas of offshore projects
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**Experience in all Russian offshore regions**  
knowledge of the specifics of work in the northern seas of the continental shelf of Russia, including the Sea of Okhotsk, Barents and Kara Sea
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**Exclusive team approach in projects implementation**  
unique experience of interaction with specialists of the customer and service contractors, readiness to share competencies within the project team
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**Complex services for implementation of project solutions**  
providing a full range of services, from concept to project documentation development and attraction of a drilling rig
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**Focus on improving efficiency and safety in projects**  
attracting domestic and foreign high-level service companies, high-tech modern services and equipment
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**Flexible interaction with Customer**  
experience in various formats of interaction adopted in the oil and gas industry, focus on results and business

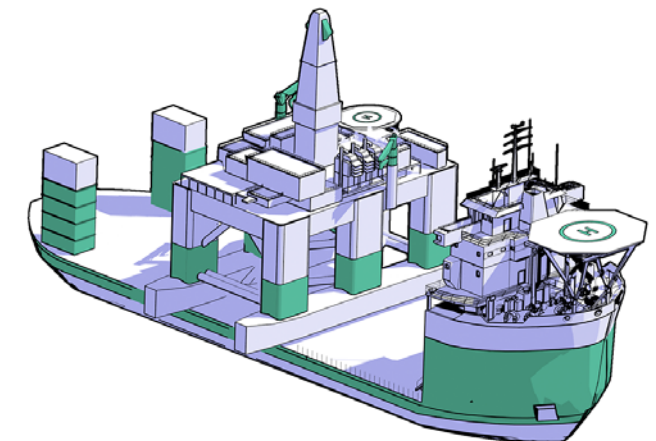
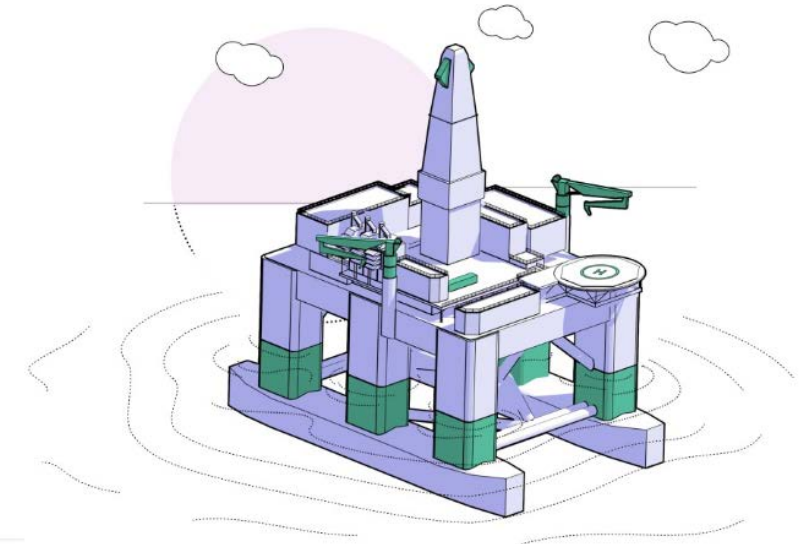
# Typical top-level tasks of the offshore oil and gas projects implementation

## Geology of a potential field, setting of tasks for well construction project

- Assessment of structure geological potential
  - performing of field seismic surveys, data processing and interpretation
  - data generalization, creation of geological model, determination of resource potential
- Identification of potential geological hazards and limitations during well construction
- Conducting engineering surveys and engineering research on site
- Selection of drilling point, taking into account optimal balance of maximum safety and geological value
- Formation of geological specification and well design
- Determining scope of minimum and maximum possible research program (LWD, MWD, X-Ray, well-testing, etc.)
- Drilling program preparation, identification of possible risks and complications of drilling on various depths
- Determining the composition of required drilling and well-testing services

## Choosing and control of Semi-sub, suppliers of technical services and technical equipment

- Selecting the type and characteristics Semi-Sub for specified conditions
- Conducting of Semi-sub inspections, determining and maintaining the scope of preparatory work
- Choosing contractors and suppliers based on criteria for technical equipment, competency and experience
- Conclusion of contracts considering the necessary benefits for the Customer, including the delineation of risks and responsibilities, the definition of sanctions for non-compliance with contractual obligations, the inclusion of obligations to provide timely information for decision-making, etc.
- Choosing the best technical equipment
- Control of timely preparation and mobilization of service contractors for the drilling season, monitoring of contractors' compliance with the requirements of maritime legislation and generally accepted practices of the offshore projects
- Ensuring that service contractors are informed and coordinated in preparation for the drilling season and at Semi-Sub
- Control of operations by service contractors at Semi-Sub
- Optimization of the program and the cost of services during drilling process, considering the operational situation



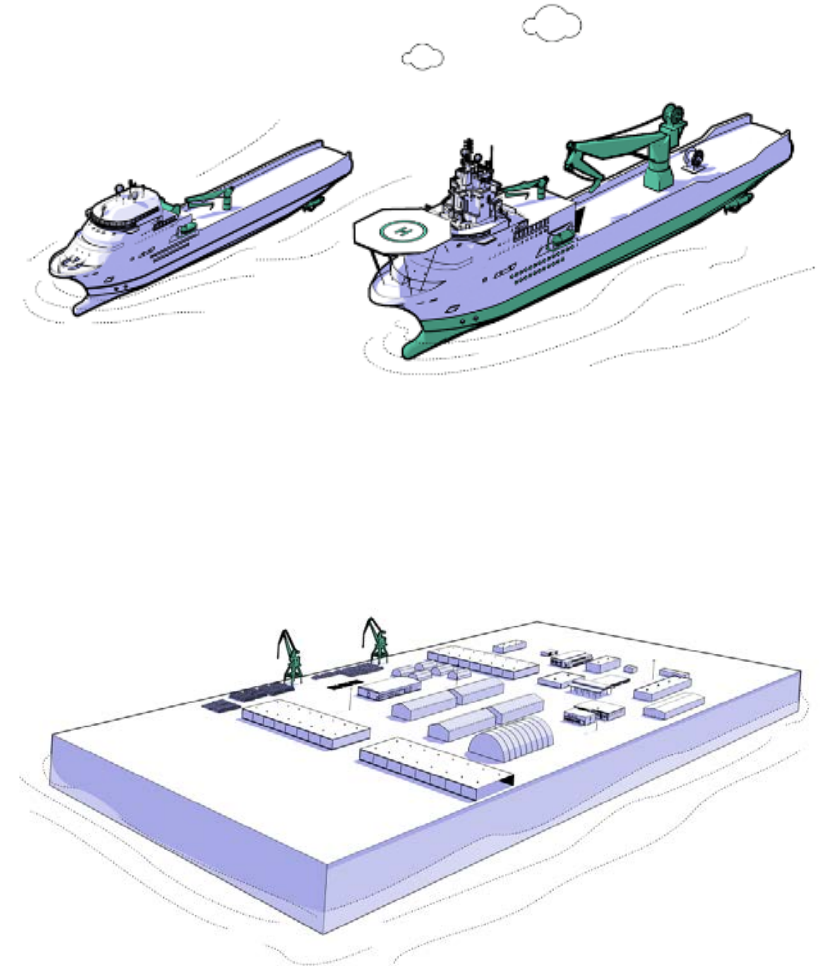
# Typical top-level tasks of the offshore oil and gas projects implementation

## Logistics organization

- Calculating infrastructure parameters for the placement of a coastal support base (CSB), searching for synergies with existing infrastructure
- Identification of transport and logistics scheme of personnel and equipment
- PSV configuration (quantity, specs, functionality) Staff delivery scheme
- Equipment delivery scheme (including dangerous goods) to CSB, Semi-Sub
- Determining the optimal characteristics of the freight revolving container for use on CSB, Semi-Sub
- Choosing the optimal scheme of mobilization of vessels and Semi-Sub, control of Semi-Sub positioning to the point of work Choosing of berths and sites of CSB, control of infrastructure preparation for the beginning of the season
- Control of the equipment delivery to the CSB
- Organization of vessels and Semi-Sub bunkering, maritime agents, maritime operations escort, organization of communications
- Control of contractors' receipt of the documentation required for logistics operations in accordance with the law

## HSE

- Identification of risks for personnel, property, OS, corrective activities (Semi-sub, Fleet, CSB, HSE base, Port) considering the synergy of seasonal work in the perimeter of the licensed area;
- Design Solutions
- Determining the rights of use of a water object for the purpose of water collection (contract) / discharges to water objects (solution), rationing, permit for discharge;
- Search for the optimal waste management scheme for the region, passporting, rationing, obtaining limits;
- Determining atmospheric protection, rationing;
- Implementation of compensation measures;
- Complex monitoring and monitoring of the environment, including activities to observe and study the behavior of wildlife objects Modelling, analysis of total environmental benefits;
- Formation of the rules of interaction in the field of HSE Customer requirements (bridging doc) Planning medical evacuation, escort, telemedicine, medical examinations of personnel
- Control of HSE



# Typical top-level tasks of the offshore oil and gas projects implementation

## Formation of permits

- GEE positive conclusion on project documentation
- Permission of Rosprirodnadzor to carry out drilling in the inland sea waters of the Russian Federation as part of the project, in case the right is not defined in the relevant license
- Contract with the OVR BVU Rosvodresources for the purpose of water collection / IWR BVU solution for the purposes of discharges to water objects, rationing, permit of the RPA for discharge
- PNOOLR, passporting, conclusion of contracts for the right to treat waste generated on PBU
- Examination of Industrial safety documentation for the liquidation of the well Industrial safety examinations on technical devices of Semi-sub
- Rostekhnadzor's permission to use technical devices, declaration of compliance on Semi-sub equipment
- License to operate Semi-sub
- Acts of testing / inspections of equipment condition / schedule plan / orders / Semi-sub regulations

## Projects support functions

- Forming the best concept for the project
- Market analysis, project budgeting;
- Operational management, integrated support, and project implementation control at all stages;
- Conducting on-site technical audits of subcontracting organizations;
- Risk management, technical and risk sessions involving project participants.
- Supervising and managing of technology operations
- Preparing operational reporting during the project' implementation;
- Customer's Consulting on project Process Optimization;
- Providing integrated service on the basis of turnkey projects
- Legal support for the project activity
- Contract work
- Analysis of regulatory requirements for the implementation of the project
- Financial control and analysis, budgeting and business planning
- Conceptual design



## Benefits of partnership with Us



Implementation of a complex offshore project without attracting additional investments with the participation of an experienced partner



Opportunity to choose a project management scheme and the level of responsibility for the project



The ability to balance stocks and ensure production