



secured right in-time

BELUGA

PROJECTS LOGISTIC

06/2014



The Company

“Beluga Projects Logistic” is the leading expert in oversized and heavy cargo logistics in Russia and CIS. We have proven our business reputation through years of impeccable work in this field. Our company has chosen a high-tech development strategy, which made us nowadays the market leader in timely and safe delivery of oversized and heavy weight cargo.

We are the owner of a unique vehicle and lifting equipment fleet that allows us to carry out

the most difficult transportations and installation jobs. Our fleet exclusively consists of the most innovative equipment produced by long-established leading manufacturers — **Scheuerle, Faymonville, Enerpac, Greiner, Damen, Man, Volvo**, etc. Our team of skilled and experienced managers and technicians received their training at the vehicle and lifting equipment manufacturer’s production sites and ensures that the most difficult transportation projects will be

completed in time with minimal risk for the cargo.

Due to high quality of service and flexible pricing policy in 2013 “Beluga” could fix commitments and successfully complete eight integrated projects to hit the annual turnover of over 1 billion rubles (over USD 30 million). Largest companies in oil production and oil refining, energy branch (electrical energy industry, atomic energy industry, hydraulic power industry), mining industry trust their cargoes to “Beluga Projects Logistic”.

Sea freight

Oversized cargo sea freight is performed taking into account various aspects: cargo capacity of the ship, its size and the possibility of securing cargo on deck or in cargo holds, cargo weight and size, rainfall and nautical characteristics of the ship, as well as compliance with the rules of international transportation of goods on ships. Calculation is required for all loading-unloading operations and correct and safe positioning of the cargo on the ship.

Possibility of oversized and heavyweight cargo transshipment at seaport is determined depending on the availability of required cargo handling equipment, operational space and qualified dockside workers. Together with the dock service engineers our staff develops a technical plan and a handling scheme for oversized cargo loading /unloading, its placement at the port terminals or loading on the rail transporters or trailers pulled by heavy haul trucks.

“Beluga Projects Logistic” barges classify for:

- Unlimited navigation area;
- Class river / sea;
- Safe use of the SBL 1100 gantry system on the barge;
- Direct transport from any port anywhere in the world to a temporary boat landing area within Russian inland waterways;
- Navigation in basins with max. depth 1 m;
- Following a motor ship in brash ice (DAMEN RIVERSTAR 3).



Dumb barge DAMEN RIVERSTAR 1	Barge DAMEN RIVERSTAR 2	Barge DAMEN RIVERSTAR 3
<p>Class “K Pantoon” Length – 63 m, width 16.5 m, depth – 3,5 m. Summer draft – 2,75 m, light draft – 0,60 m. Load capacity – 2150 T. Reinforced deck – 17 mm thickness, max. load capacity – 15 T per sqm.</p> <p>Ballast tanks without standard pumps.</p>	<p>Class “K Pantoon” Length – 63 m, width 16.5 m, depth – 3,5 m. Summer draft – 2,75 m, light draft – 0,60 m. Load capacity – 2150 T. Reinforced deck – 17 mm thickness, max. load capacity – 15 T per sqm.</p> <p>Ballast tanks without standard pumps.</p>	<p>Class “K Pantoon”, ice-class 1C. Length – 85,7 m, width 16.5 m, depth – 4,5 m. Summer draft – m, light draft – 0,90 m. Load capacity – 2150 T. Reinforced deck – 17 mm thickness, max. load capacity – 15 T per sqm.</p> <p>Ballast pumping system.</p>



Trucking

Oversized or heavyweight cargo transportation by road is one of the most important areas of our business.

Such transportation requires development of a special project paperwork that needs to be approved by the asset holders and controlling authorities. It is regulated according to "The Shipping instructions for Heavyweight and Oversized cargo by roads of the Russian Federation" which oblige the transporting company to have all the required permits and make thorough examination of all transshipment sites and the rout itself.

"Beluga Projects Logistic" road transport

- Heavy haul trucks by "Mercedes", "MAN", "Volvo", load capacity 41 T;
- Self-propelled modules by "Faymonville", load capacity 100 T;
- A wide range of modules MRF-4 by "Faymonville" to form trailers of certain configuration and capacity, load capacity of each 64T;
- Hydraulic platform by "Faymonville", load capacity 64 T;
- Trailer modules by "Scheuerle" S0 PE6M, load capacity of 108 T, 216 T;
- Perimeter bed by "Greiner";
- Perimeter bed by "Faymonville";
- Transformer bed by "Faymonville";
- Set of turntables.

Rail freight

In many cases when oversized and heavyweight cargo is to be transported over long distances rail freight is often preferred to transportation by truck.

For years “Beluga Projects Logistic” has successfully used all the advantages of rail freight for multimodal project transportation.

If the cargo placed on open rolling stock succeeds loading size limits, such cargo is considered oversized. Examples of such cargo are various turbines, generators and their parts, transformers, reactors, frames and supports.

Possibility of oversized cargo transportation via rail road is determined by the cargo size and freight car loading capacity.

When it is not possible to use regular wagons, semi wagons or platforms, transporter wagons are used. Rail transporters by producers operating in Russia and CIS countries are divided in different types: platform, header, pothole, jointed, adhered. Transporter loading capacities vary from 55 T (four-axle) to 500T (thirty two-axle), with a number of wheel pairs: 4, 6, 8, 10, 12, 16, 20, 28, 32



Customs brokerage

“Beluga Projects Logistic” is the official customs broker. Our company provides the full range of services for custom clearance of the cargo crossing the border of the Russian Federation:

- Preparation, registration and verification of documents for the declaration of the goods, vehicles, as well as approval of customs declaration (the declaration of goods);
- Preparation of permits (certificates and declarations of conformity, sanitary – epidemiological decisions, fire safety documents, etc.), assistance in obtaining preliminary classification decisions by Federal Customs Service;
- Specification of harmonic codes according to Customs Union Commodity Classification of Foreign Economic Activity required for customs clearance;
- Specification of the customs value of goods , payments (taxes and fees) on behalf of the client;
- Temporary storage of goods in warehouses;
- Consultations in the field of customs law and foreign trade.





Installation and rigging

Taking into account the specifics of oversized and heavyweight cargo, installation and rigging include lifting, moving and installation of various objects on the foundation.

Installation and rigging works include:

- Development of a work production plan;
- Lift-descent of oversized object, max 1100 T;
- Handling of the object of any size and complexity;
- Movement of the object;
- Installation on the foundation.

The works are performed using Company owned special rigging and lifting equipment: specialized sets of jacks, horizontal skidding system and hydraulic gantry system SBL 1100 load capacity up to 1100 T. All of the machinery and equipment used for rigging has proper certification and has been preliminary tested.

High qualification and certification of all installation personnel ensure quality loading and unloading operations of oversized cargo to/from the vehicle, as well as precise installation on the foundation.



Rigging and lifting equipment

- Sets of jacks, lifting capacity 50-100 T;
- Horizontal hydraulic skidding system by "Enerpac";
- Hydraulic gantry system "SBL 1100" by "Enerpac", loading capacity 1100 T;
- Integrated system of horizontal cargo movement by "Greiner";
- Road crane "Terex Demag" AC100/4L, lifting capacity 100 T

Projects

“Beluga Projects Logistic” branch offices are located in three major Russian centers – Moscow, St. Petersburg and Yekaterinburg. This allows us to transport oversized and heavyweight cargoes across Russia, as well as from Europe and the United States to Russia. We also have experience in transportation to Kazakhstan.



“Beluga Projects Logistic” project examples:

JSOC “Bashneft”, Ufa January 2013	OJSC “Achinsk Refinery”, Krasnoyarsk June 2013	JSC “Ryazan Oil Refining Company”, Ryazan. April - December 2013
Project description: Transportation of 4 columns at the Ufa oil refinery from the temporary storage area to the construction site of the catalytic cracking gasoline hydrotreatment plant. The length of the columns was over 38 m each, Ø 3.6 m.	Project description: Delivery of 4 ultra heavyreactorsweighing 364, 609, 402 and 1306 T respectively complete with attachments from Italy.	Project description: Delivery of 11 reactors and columns for oil refining plant weighing 30-300 T and max length of 53 m.
Project included: <ul style="list-style-type: none"> ■ Project approval by the administration of the “Ufa oil refinery”; ■ Slabbing to increase the turning radius; ■ Road level lowering; ■ Disassembling the structures that blocked transportation; ■ Protection of the utility systems, which may have been damaged during transportation; ■ Mobilization of equipment and vehicles of “Beluga Projects Logistic” to the project site; ■ Sending Company experts to carry out the transportation; ■ Working under difficult weather conditions. 	Project included: <ul style="list-style-type: none"> ■ Shipment from the port of Marghera (Italy) on board motor ship type “Heavy Lift”; ■ Additionally loading the motor ship with the company owned barges “Damen River Star 1” and “2 Damen River Star” in Rotterdam; ■ Shipment and customs clearance in port Murmansk; ■ Shipment to port Dudinka and transshipment of the cargo on the two unloaded barges for further towing upstream Yenisei river to Krasnoyarsk using the SBL 1100 gantry systems; ■ Unloading the cargo using the unique system of two (!) gantry systems SBL 1100 in tandem; ■ Correct technical rollout of all 3 vessels on the prepared shore near Kubekovo. 	Project included: <ul style="list-style-type: none"> ■ Shipment of 11 vessels from the port Antwerp by the company owned barge “Damen River Star 3”, sea towing to the port St. Petersburg; ■ Customs clearance at the port of St. Petersburg without unloading to the shore; ■ Towing the same barge through inland waterways to Ryazan; ■ Rolling-out to the temporary storage on shore, using company owned gantry systems SBL- 1100, Terex-Demag crane, lifting capacity of 100 tons, and a set of poles and beams; ■ Successive transportation from temporary jetty to the storage area at the refinery site.





“Beluga Projects Logistic” reference list – 2010-2013.

Dates of project	Name and location of the client	Project description
07/2010-08/2010	LTD “RN-Ugansneftegaz”, JSC “Sovfraht”, Nefteyugansk	SIEMENS gas turbine equipment Norchepping, Sweden - Noviy Port – Priobskoe deposit. 3 turbine weight 102T, L*W*H 11.5 m * 4.1 m * 4.9 m each, 3 generators: 72 T, L *W*H 6.15 m * 3.4 m * 3.8 m each.
09/2010-12/2010	TOO “RWS Kazakhstan”, Republic of Kazakhstan, Astana	GE Locomotive units en-route Baltimore, United States – Astana, Kazakhstan. 8000 m ³ , 5000 T max. Dimensions: 7 m * 3.5 m * 3.1 m.
11/2010-01/2011	LTD “RN-Tuapsinskij Oil Refinery”, Tuapse	SIEMENS gas turbine equipment from Norchepping, Sweden – to Tuapse. 3000 m ³ , 1200 T max. Dimensions: 102T, 11.5 m * 4.1 m * 4.9 m.
08/2011-09/2011	CJSC “NG-Energo”, Arkhangelsk	RollsRoyce diesel generator units from Bergen, Norway – to Arkhangelsk, Russia. 1200 m ³ , 650 T; weights 57.5 T, L*W*H 6.5*2.8*4.6.
10/2011-11/2011	JSC “Uralhimnash”, Saratov	Reactors, JSC «Uralhimnash»Yekaterinburg – JSC «Saratov Oil Refinery», Saratov. 2 reactors weight of each 165 T, length 17m, Ø 4 m.
10/2011-11/2011	CJSC “Saratov Oil Refinery”, Saratov	Reactors, JSC «Energomash (Volgodonsk) – Atomnash» Rostov region, Volgogradsk – JSC «Saratov at Oil Refinery» Saratov. 2 units weight 170 T, length 18 m, Ø 4.05 m.
10/2011-11/2011	CJSC “SpecStrojMash”, Omsk	Transshipment and movement / transportation of hydrocracking 2 reactors at the site of Omsk Oil Refinery, weight of each 315 T, length 24 m, Ø 4.15.
10/2011-10/2011	CJSC “Saratov Oil Refinery”, Saratov	Loading-unloading and delivery of equipment to the site of JSC «Saratov Oil Refinery».
01/2012-02/2012	CJSC “NG-Energo”, Arkhangelsk region	Diesel generator units by MAN, en-route port Hamburg, Germany – port Arkhangelsk, Russia – diamond deposit, Arkhangelsk region.
02/2012-04/2012	CJSC “Saratov Oil Refinery”, Saratov	Loading-unloading and delivery of storage tanks, reactors, columns max. weight 115 T, length 32 m, width 4.3 m equipment to the site of JSC «Saratov Oil Refinery».
05/2012-05/2012	CJSC “STS Logistiks”, Novovoronezhsk	Lifting / transshipment of transformers, Novovoronezhskaya Atomic Power Station weight 72-265 T.
07/2012-08/2012	JSC TKG-6 – Electric power company, Ekaterinburg	Transportation of two heat-recovery boilers as one assembly en-route N. Novgorod – Yekaterinburg.
09/2012-11/2012	JSC “Uralhimnash”, Ekaterinburg	Transportation of oversized equipment (reactors 4 items) en-route Yekaterinburg – Nizhnekamsk.
06/2012-07/2012	JSC “Uralhimnash”, Ekaterinburg	Transportation of oversized equipment (reactor 168 T, length 13.5 m, Ø 4.84) en-route Yekaterinburg – Moscow.
10/2012-11/2012	CJSC “NG-Energo”, Arkhangelsk region	Diesel generator units by MAN, en-route port Hamburg, Germany – port Arkhangelsk, Russia – diamond deposit, Arkhangelsk region.
10/2012-11/2012	JSC “Tambov Institute”Komsomlets “named after N.S. Artemov	Transportation of two columns en-route Tambov – Ryazan for Ryazanskij Oil refinery.
08/2012-08/2012	LTD “Benchmark”, Ulyanovsk	Transportation of presses, weight 126-150 T en-route Tolyatti – Ulyanovsk.
10/2012-11/2012	CJSC “STS Logistiks”, Volgograd	Transportation of 6 transformers, weight 178 tons en-route boat landing Kalach-na-Donu – Volgograd.
11/2012-07/2013	JSC ANK “Bashneft”, Ufa	Transportation of 10 columns for gasoline hydrotreatment catalytic cracking, max length 38 m, Ø 3.36 m, weight 55 T at the Ufimskij Oil Refinery.
10/2012-04/2013	JSC “Uralhimnash”, Novokuibyshevsk	Transportation of a column, length – 38 m, Ø 5 m en-route Yekaterinburg – Novokuibyshevsk.
12/2012-04/2013	LTD “Energeticheskijstandard”	Transportation of 7 reactors, weight 83.3 tons, transshipment at rail road station Vnuково – Substation Ochakovo, Moscow.
02/2013-03/2013	LTD “Energeticheskijstandard”	Transportation of 2 transformers weight 197T, en-route Presnja rail road station – Electrical substation Presnja.
01/2013-10/2013	JSC “Fortum”	Transportation and maintenance operations of 3 waste-heat boilers en-route port Moscow – Chelyabinsk.
09/2013-01/2014	JSC “TGC-9” Electric Power Company	Transportation of an Alstom gas-turbine unit en-route port St. Petersburg – Yekaterinburg.
10/2013-01/2014	JSC “TGC-9” Electric Power Company	Transportation of 2 Alstom gas-turbine units en-route port St. Petersburg – Lower Tura.
01/2013-09/2013	CJSC “Atomstroyexport”	Transportation of Siemens power plant en-route port St. Petersburg – South Uralsk.
05/2013-08/2013	LTD “Erida”, Krasnoyarsk	Transportation of 4 reactors, max. weight 1300 T, for Achinskij Oil Refinery en-route port Marghera, Italy – Krasnoyarsk.
03/2013-08/2013	JSC “Sovfrakht”, Ryazan	Transportation of 10 units of oil and gas equipment en-route Antwerp, Belgium – Ryazan, Russia.

