



VOLGO-BALTIC LOGISTIC

MAIN
PROJECTS

TRANSPORTATION OF OOG&HL CARGOES FOR THE NEEDS OF NIZHNEKAMSKNEFTEKHIM (2020)

During June-July 2020, VBL delivered 2 oversized heavyweight units from the port of **Constanta**, Romania to the port of Nizhnekamsk, Russia.

Columns dimensions (LxØ, m):

No1 EDC (Lower column) – **91,6** x 7,0; Weight–**390 t**;

No2 EDC – **78,0** x 4,0; Weight – **281 t**.

Scope of services provided by VBL:

- Mobilization of “S.P.A.2” barge to the port of Constanta (Romania) for transshipment from geared vessel to barge;
- Barge ballast operations during loading by cranes and **ro-ro** discharging;
- Transportation of cargo by barge from the port of Constanta to the **docking chamber** at Nizhnekamsk.



TRANSPORTATION OF WTG BLADES FOR VESTAS (2020)

During navigation-2020 159 units of **Vestas composite blades** of V-126 type were transported from the port of Korolevka (Ulyanovsk, Russia) to the ports of Ust-Donetsky and Aksay, Russia. **6 consecutive voyages** were performed by two barges.

Scope of works:

- Mobilization\demobilization of two barges;
- Implementation of 6 consecutive voyages by two barges from Ulyanovsk to Ust-Donetsky / Aksay;
- Issuing of Study for non-standard cargo carriage approved by Russian Maritime Register of Shipping;
- Organization of lashing and dunnage materials procurement with subsequent lashing and securing activities along with unlashng and unwelding.

Under the same contract obligations an additional voyage of dry cargo vessel of **RSD59 type** was performed from **Constanta**, Romania to **Aksay**, Russia, delivering extra 21 blades.

Grand total number of blades delivered : 180 pcs.

Dimensions of one blade: weight - 15 t, **length - 62 m**, width - 3.025 m, height - 3.981 m.



TRANSPORTATION OF OOG&HL CARGOES FOR OMSK REFINERY (2018-2019)

Scope of works:

- Fleet mobilization and arranging of cargo transportation from Novy Port **to Omsk (Omsk Refinery ro-ro jetty)** by barges. Number of barge voyages performed: navigation 2019 - 2 voyages; 2018 - **8 voyages**.
- Providing transport stools, lashing and dunnage materials for all voyages and their delivery to the port of transshipment (**Novy Port roads**), along with manpower for lashing and securing operations.
- Providing barges alongside **geared vessels** at the roads of Novy Port for direct transshipment of OOG&HL cargoes by vessel's cranes.
- Stowing cargo on board barges, taking cargo off hook of a geared vessel, lashing and **securing cargo on barge**, including welding works in comply with cargo plan and securing project.



TRANSPORTATION OF OOG&HL CARGOES FOR PORTOVAYA LNG PROJECT (2017-2018)

Scope of works:

- **15 consecutive voyages** performed to deliver cargo from the ports of Europe (Bremerhaven/ Norrköping/Rotterdam/Antwerp/Szczecin) to Russian Portovaya jetty/Bronka via Vyborg for customs clearance;
- Gross weight of delivered cargo is about 7 000 tons, volume – **60 000 cbm**;
- Type of vessels involved: 2 of **Neva-Leader** type (RSD49 project), 13 – **Amethyst** type (DCV36 project);
- Organization of individual icebreaker assistance in an area of the Gulf of Finland, on roads of Vysotsk/Vyborg and at the berth at **Dalnaya bay**.



TRANSPORTATION OOG&HL CAROES FOR CRYOGAS-VYSOTSK PROJECT (2017)

Scope of works:

- **2 voyages** were performed to deliver cargo from the port of St. Petersburg to **Port Vysotsk**;
- Gross weight of delivered cargo - 3 209 tons, volume - **19 269 cbm**;
- Fleet types involved:
 - **Amethyst type** (DCV36 project) – 1 vessel;
 - **Neva Leader type** (RSD49project) – 1 vessel.



TRANSPORTATION OF OOG&HL CARGOES FOR THE NEEDS OF ZAPSIBNEFTEKHIM (2016-2017)

435 cargo units (**27 500 tons**) was delivered during navigations of 2016-2017 via using **36 barges** by totally 36 voyages:

- from Kirkeness, Norway to Tobolsk, Russia - 4 voyages
- from **Sabetta**, Russia to Tobolsk, Russia - 32 voyages

Most critical items (LxW, m):

C3 Splitter **2 units – 106.5x7.4; Weight – 917 t**;

Primary Fractionator – **51.65x13.4; Weight – 805 t**.



Scope of works:

- Mobilization of **10 barges IACS class under 10 years**, which meet customer's requirements, from Asrtakhan (7 barges), Italy (1 barge) and Rotterdam (2 barges) to the ports of cargo transshipment, i.e. Kirkeness and Sabetta,
- 4 barges were mobilized by heavy lifter "Jumbo Kinetic" from Rotterdam to Sabetta;
- Issuing of Study for non-standard cargo carriage in cooperation with CNIIMF/TEC;
- Taking cargo off hook of a geared vessel, stowage and securing on board of barges;
- Transportation of cargoes from Kirkenes and Sabetta to Tobolsk.

Customer: LLC «ZapSibNeftekhim»;

Licensor: Linde AG;

TRANSPORTATION OF OOG&HL CARGOES FOR OMSK REFINERY (2016-2017)

Navigation 2016:

Direct transportation of Atmospheric Column by barge from Volgograd to Omsk Refinery ro-ro jetty was the voyage over **9000 km** through Volga river, White Sea-Baltic Canal, Northern Sea Route, Ob' and Irtysh rivers.

Atmospheric column dimensions: length – 71.1 m, width – 10.18 m, height – 9.307 m; weight - 548 tons.

Scope of works:

- Transportation of OOG&HL cargoes by barges from Volgograd, Russia to Port of Tallinn, Estonia for transshipment to geared vessel;
- Engaging heavy lifter of Jumbo Shipping in favor of third party charterer for freight from China to the Ob' Gulf;
- Arranging direct transshipment from two geared vessels onto 12 barges on the roads of Sabetta;
- Involvement in work arrangements at the port of discharge - Omsk, Russia.

Navigation 2017:

Direct transportation of Vacuum Column by barge from Volgodonsk to Omsk Refinery ro-ro jetty was the voyage over **13 300 km** through Volga river, Baltic Sea, North Sea, Norwegian Sea, Northern Sea Route, Ob' and Irtysh rivers.

Dimensions of the **column**: length – 52.3 m, width – 12.4 m, height – 11 m; weight – 520 tons.



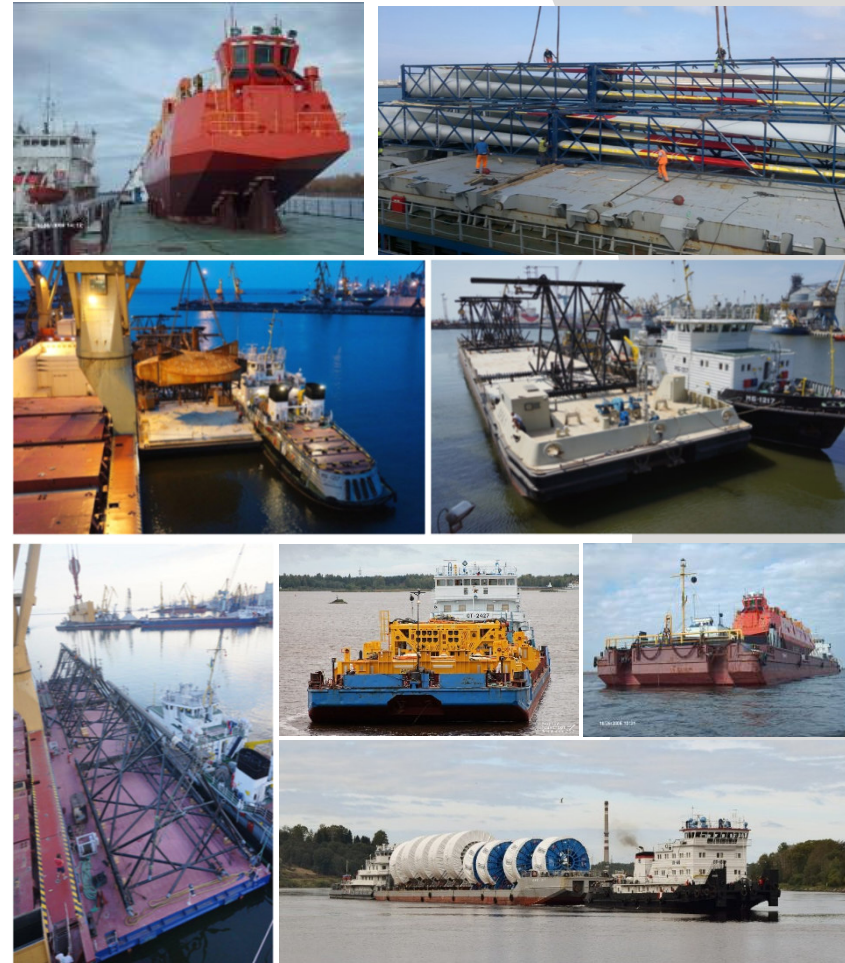
REGULAR TRANSPORTATION SERVICE FOR OOG&HL CARGOES TO CASPIAN SEA REGION (2002-PRESENT)

Organization of cargo transit from North/South Europe ports to **Caspian countries** (Kazakhstan, Uzbekistan (via Kazakhstan), Azerbaijan and Turkmenistan) **by own barges and gearless vessels** is one of **VBL**'s main activities.

Barges, tugs and vessels involved in transportation are ready to meet all requirements of surveyors and clients.

List of the projects where **VBL** was involved:

- Shah Deniz;
- Kashagan gas fields (for 5 years of project - 100+ barges / floating modules / vessels);
- Turkmenbashi port facilities;
- South Yoloten;
- Uzbek GTL;
- TCO.



DELIVERY OF NUCLEAR REACTOR BODIES FOR ROSATOM (2013-2015)

For the past years Volgo-Baltic Logistic fulfilled delivery of **5 nuclear reactor bodies** from Izhora Plant ro-ro jetty (St Petersburg):

- 2 reactors for Rostov **NPS**
- 2 reactors for Novovoronezh **NPS**
- 1 reactor for Tianwan NPS (VBL performed delivery to the port of Saint Petersburg, where reactor was transshipped to ocean vessel)

Each reactor body had the following dims: length - 11.54 m; width - 5.6 m; height - 5.47 m; weight - **332.7 t**.

Scope of works:

- Mobilization of ro-ro barge;
- Izhora plant ro-ro jetty complex preparation for ro-ro loading;
- Issuing of Study for non-standard cargo carriage;
- Transportation of cargoes from the port of loading to the ports of discharging.



DELIVERY OF 14 REACTORS EACH 600-1300 TONS FOR ROSNEFT COMPANY (2012-2013)

VBL delivered **12 reactors** produced by Izhora Plant (Saint Petersburg) and 2 reactors produced by BELLELI ENERGY (Italy) for 4 Rosneft refineries:

- 6 reactors (4 x 600 t + **2 x 1 300 t**) – Tuapse refinery;
- 4 reactors (each 600 t) – Novokuybyshev refinery;
- 2 reactors (each 600+ t) – Kuybyshev refinery;
- 2 reactors (each 600+ t) – Syzran' refinery.

Scope of works:

Loading at Izhora plant jetty carried out **by ro-ro method**; then reactors were delivered by barges directly to specially constructed jetties of refineries for further ground transportation.

Reactors produced by **BELLELI ENERGY (Italy)** were shipped on geared vessel from Venice to Ilychevsk, transhipped to 16801-type barge by vessel's cranes and delivered by inland Russian water ways to ro-ro jetty in Samara.



TRANSPORTATION OF OOG&HL CARGOES FOR CHEMICAL PLANT IN SALAVAT (2014)

Scope of works:

71 oversized items, including 27 units from **Deggendorf** and 44 units from **Antwerp**, were delivered to Nizhnekamsk and **Ufa** for further ground transportation to Salavat. **VBL** elaborated complicated scheme of cargo delivery from Deggendorf and Antwerp to consolidation port of **Nizhnekamsk**. Further shipment of the most critical items were executed by 3 voyages of **ro-ro barges** from Nizhnekamsk to Ufa.



The most critical items dimensions:

From Deggendorf:

- 870 cm x 876 cm x 535 cm, 270 t;
- 820 cm x 851 cm x 441 cm, 200 t;

(**transshipment** of above 2 items at Constanta port from Danube barges to sea-river vessel was performed by **1800t floating crane**)

- 1 950 cm x 660 cm x 525 cm, 65 t.

From Antwerp:

- 5 450 cm x 470 cm x 505 cm, 91 t;
- 3 640 cm x 410 cm x 450 cm, 69 t;
- 3 954 cm x 607 cm x 603 cm, 118 t.

Scope of works:

30 000 freight tones of oversize equipment were delivered for construction of the Complex for PVC production in Kstovo district, Nizhny Novgorod region with production capacity of 330 000 tones per year.

15 vessels of our own fleet (Rusich type, Sormovsky type) were deployed for delivery.



TOBOLSK PROJECT (2010 – 2011)

Delivery of oversize equipment (more than **30 000** freight tons) was performed for the Dehydrogenating unit in Tobolsk.

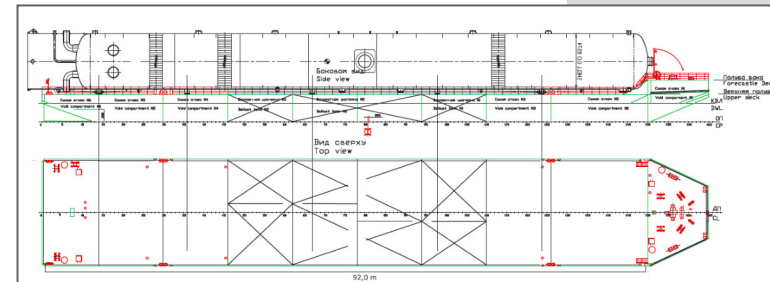
In order to implement transportation of several columns with the dimensions as follows:

- Propylene-Propane Stripper **96 x 9.7 x 9.5 m; weight – 1 023 t**
- Deethanizer stripper **61 x 8.8 x 7.2 m; weight – 756 t**

suitable fleet meeting the requirements of the Client were supposed to be deployed. Due to lack of appropriate barges on freight market, **the new flat top barge** with length of 102 m was constructed .

Scope of works:

- Delivery by barges and 12 ST-type vessels: **15 voyages** were totally made;
- Issuing of Study for non-standard cargo carriage.



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