

WE DELIVER FOR

OIL & GAS

LEADERS

WE WORK WITH WORLD LEADERS

For over 28 years, Volga-Dnepr Group has been advancing the world of air logistics, enabling our global customers to achieve fast, secure and cost efficient transportation solutions, even for their most complex logistics challenges.

Our international reputation has been built on helping our customers to plan effectively, respond quickly and, most importantly of all, keep the promise they have made to their own customers. That's why so many of the world's leading companies choose Volga-Dnepr Group as their transportation and logistics partner.

The cargoes we move, for example, help the energy sector provide power to communities across the

globe. We deliver satellites that increase and improve international communications. We help manufacturers and growers ensure a sufficient supply of products and produce to consumers across the globe. We move heavy construction equipment used to support vital infrastructure projects in both the developed and developing worlds. We are also first to react when a man-made or natural disaster endangers lives.



OUR GROUP OF COMPANIES

Volga-Dnepr Group consists of more than 20 companies in nine countries. At the heart of the Group are two core cargo services:

CHARTER OPERATIONS

Global air cargo charter services are provided to the Group's customers by Volga-Dnepr Airlines – the world's largest transporter of outsize and heavyweight air cargo, and the provider of end-to-end engineering and logistics solutions – and through the Group's Antonov 124 freighter venture Ruslan SALIS. The Group's air charter capability also includes services using the Ilyushin Il-76TD-90VD, Boeing 747 and B737 freighters in its fleet to offer international customers the most efficient aircraft solution for every charter requirement.

SCHEDULED OPERATIONS

International scheduled cargo services are delivered by AirBridgeCargo Airlines and Atran airlines onboard Boeing 747F and Boeing 737F between Russia, Asia, the Middle East, Europe and North America. Strict on-time performance facilitates seamless transportation, guaranteeing transport connections between continents, countries, and cities.

AirBridgeCargo's fleet consists of 18 Boeing 747 freighters, whereas Atran has three Boeing 737 freighters in operation.

The combined network of both carriers covers more than 40 destinations worldwide, with all flights operated into international cargo hubs, which feature modern equipment, allowing for efficient, seamless, and safe handling of any type of cargo.

Supporting businesses: Certified Aircraft Maintenance, Repair & Overhaul Centres; Insurance Company; Trucking Services; and Volga-Dnepr International Training Centre.

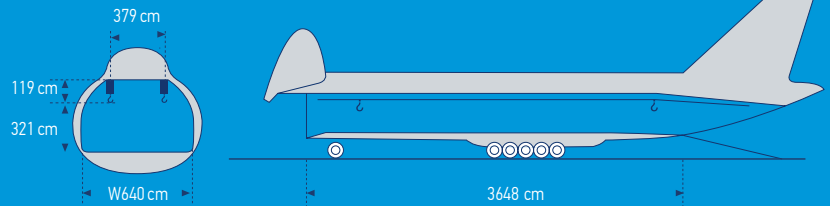
OUR FLEET

AN-124-100

✈ x12

< **120t**
MAX PAYLOAD

- CARGO COMPARTMENT DIMENSIONS 36.5 X 6.4 X 4.4M
- THE AN-124-100 "RUSLAN" IS THE WORLD'S LARGEST SERIES-PRODUCED RAMP AIRCRAFT
- VOLGA-DNEPR IS THE BIGGEST INTERNATIONAL AN-124-100 OPERATOR IN THE WORLD

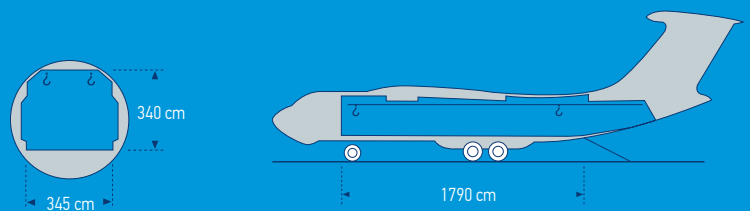


IL-76TD-90VD

✈ x5

< **50t**
MAX PAYLOAD

- CARGO COMPARTMENT DIMENSIONS 20 X 3.45 X 3.4M
- THE AIRCRAFT IS FULLY COMPLIANT WITH ICAO'S STANDARDS AND IS APPROVED FOR GLOBAL OPERATIONS

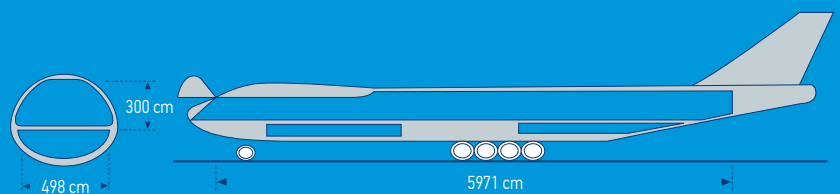


BOEING 747

✈ x18

46 < **139t**
PALLET CAPACITY MAX PAYLOAD

- IN ADDITION TO SEVEN B747-400 FREIGHTERS, THE GROUP HAS INVESTED IN ELEVEN NEXT GENERATION B747-8F, THE MOST ADVANCED CARGO AIRCRAFT OF ITS TYPE EVER BUILT BY BOEING
- THE 747 IS ESPECIALLY WELL-SUITED FOR SHIPMENTS REQUIRING STRICT TEMPERATURE SUSTAINABILITY

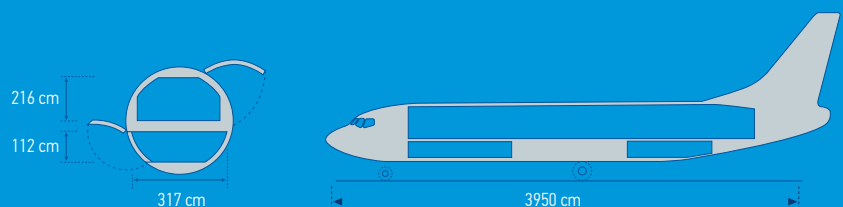


BOEING 737

✈ x3

10 < **20t**
PALLET CAPACITY MAX PAYLOAD

- THE GROUP'S THREE BOEING 737 FREIGHTERS PROVIDE REGIONAL CARGO LIFT AND ARE USED AS PART OF VOLGA-DNEPR'S "CARGO SUPERMARKET" SERVICE OFFERING ALONGSIDE THE REST OF THE FLEET



THE AIRLINE FOR OIL & GAS LEADERS

SINCE 1990, THE OIL & GAS INDUSTRY HAS PRESENTED ONE OF VOLGA-DNEPR GROUP'S BIGGEST CUSTOMER SECTORS.



> **1,551**

flights for Oil & Gas customers to date



> **95,000**

tonnes of cargo delivered for customers worldwide



10%

of the Group's business over the last 5 years has been generated by O&G services

THE PROCESS OF MOVING YOUR CARGO

Once we receive your request, the delivery of your cargo is managed through 8 key stages:

- 1** Development of logistics solutions
- 2** Load planning
- 3** Commercial & navigation checks
- 4** Cost calculation
- 5** Optimal option agreement & contract
- 6** Preparation of your cargo
- 7** Transportation
- 8** Post flight liaison

OUR EXPERTS ARE READY TO ASSIST YOU 24/7

EXAMPLES OF SHIPMENTS
TRANSPORTED BY VOLGA-DNEPR.

UPSTREAM

- Drilling equipment
- Pumps
- Power houses
- Blowout preventers
- “Christmas trees”



MIDSTREAM

- Tube bundles
- Pipeline valves
- Vents
- Pipe layers



DOWNSTREAM

- Compressors
- Heat exchangers
- Stabilizers
- Control units



OIL & GAS GLOBAL EXPERTISE

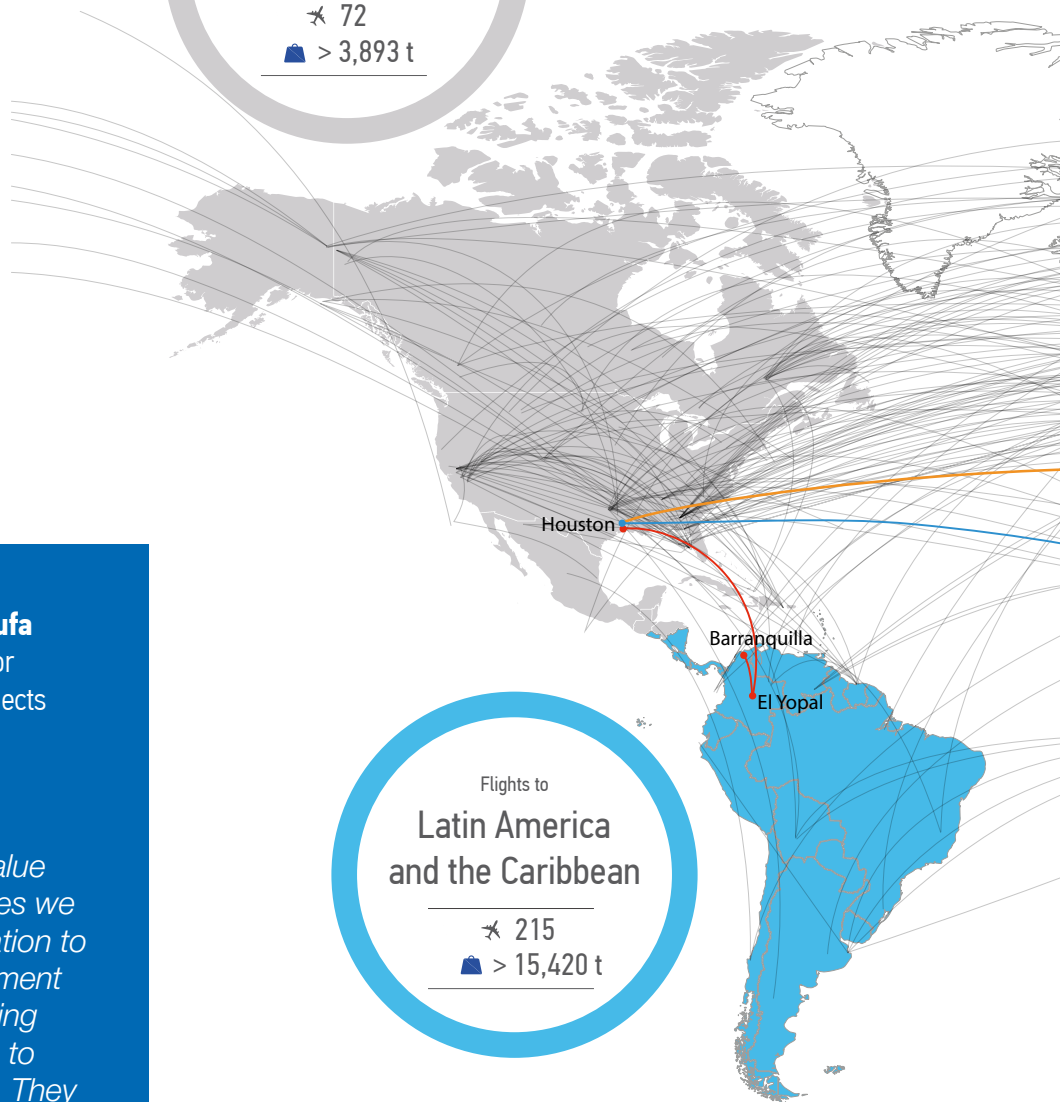
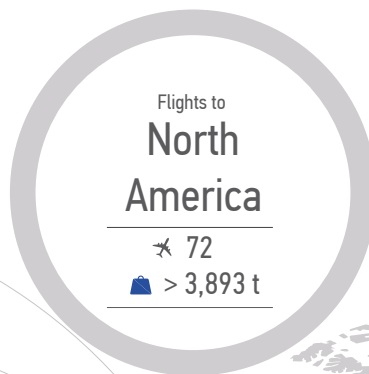
VOLGA-DNEPR GROUP O&G OPERATIONS TO DATE

> 1,551

✈ FLIGHTS

> 95,000

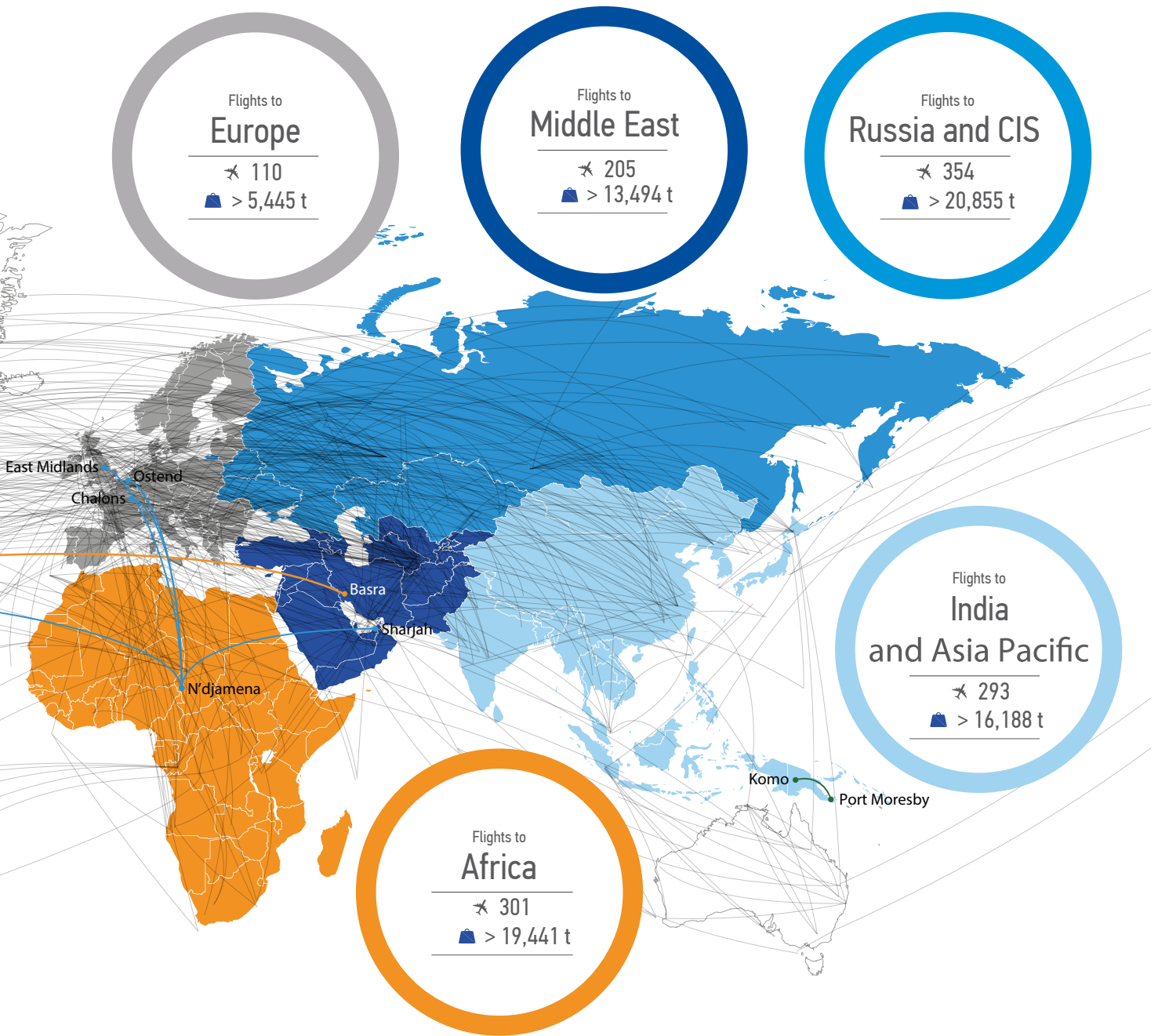
📦 TONNES



**Fayçal
Boumerkhoufa**
Global Director
Oil & Gas Projects

"Most of all, our customers value the predictability of the services we provide, whether this is in relation to the urgent delivery of replacement parts and equipment or meeting a long-term delivery schedule to support a major O&G project. They trust us to always create the best solution, even for their most complex loads or to the remotest regions, and know we will never let them down."

- Papua New Guinea LNG project (2008-2013)
- SHELL SIPD 1223 project



- British Petroleum – logistics project Colombia
- Exxon Mobil – logistics project Chad (1996-1998, 2005)

**SINCE 1990, THE WORLD'S LEADING
OIL & GAS COMPANIES HAVE
ENTRUSTED VOLGA-DNEPR GROUP
WITH THEIR MOST IMPORTANT
AND COMPLEX SUPPLY CHAIN
CHALLENGES**

Halliburton

Schlumberger

Exxon Mobil

TOTAL

BP

Shell

Cameron

ABB

FMC Technologies

SINOPEC

Fluor

One Subsea

Atlas Copco

Baker Hughes

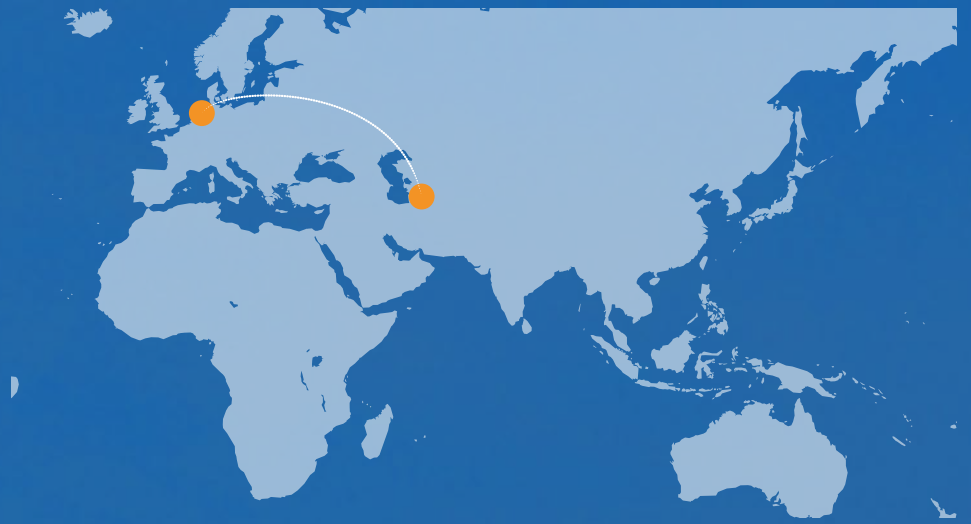
Weatherford



CASE STUDY 1

OIL PUMP TO-THE-DOOR IN TURKMENISTAN

**VOLGA-DNEPR AIRLINES DELIVERED AN
11-TONNES OIL & GAS PUMP RIGHT TO
THE DOOR OF A CUSTOMER IN THE TOWN
OF FARAB, TURKMENISTAN.**



CARGO DESCRIPTION: OIL & GAS PUMP

ROUTE: MAASTRICHT (NETHERLANDS) – FARAB (TURKMENISTAN)

WEIGHT: 11,000 KGS

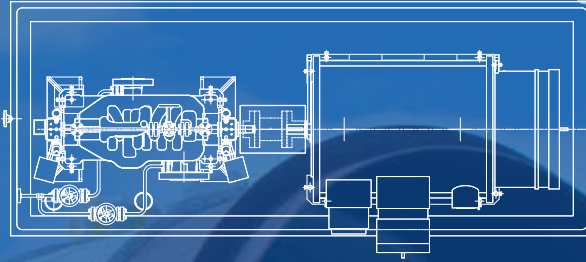
- An oil production unit was transported from Maastricht Airport in the Netherlands on behalf of the airline's customer, Agility Projects Rotterdam.
- The pump was transported onboard one of Volga-Dnepr's Il-76TD-90VD freighters, packed inside a two-tonne wooden crate to protect it.
- Volga-Dnepr was asked by Agility Projects Rotterdam to organise the necessary permits for the flight to Mary International Airport in addition to arranging the transportation of the Oil & Gas pump overland in Turkmenistan to Farab.
- The cargo was loaded using a trailer and special cradles developed by Volga-Dnepr's engineers.

CASE STUDY 2

PNG LNG



THIS EXXONMOBIL PROJECT COMMENCED PRODUCTION AHEAD OF SCHEDULE AND WILL NOW SUPPLY LIQUEFIED GAS TO CUSTOMERS IN ASIA FOR THE NEXT 30 YEARS



CARGO DESCRIPTION: PART OF STABILIZER COLUMN

ROUTE: PORT MORESBY – KOMO (PAPUA NEW GUINEA)

WEIGHT: 70,000 KGS

- Volga-Dnepr's previous experience of supporting major O&G projects made it the ideal transport and logistics partner for the new Hides Gas Conditioning plant in the Highlands of Papua New Guinea.
- Some 72,500 tonnes of equipment was transported into PNG for the project. However, for 6,000 tonnes of the largest, most delicate and sensitive shipments, deliveries to the production site were restricted by PNG's poor road infrastructure, weight restrictions on bridges, and severe weather conditions that often resulted in landslides and road closures.
- The solution was to build a new airport in Komo, close to the conditioning plant, and for Volga-Dnepr to provide an 'air bridge' from Port Moresby. Volga-Dnepr's experts helped to evaluate potential sites for the new airport based on load lists and route options. Its consultancy contributed to the construction of a new 3,200m runway, the longest in PNG, and five years after Volga-Dnepr's involvement in the project commenced it operated its first An-124 cargo flight in May 2013.
- With each component averaging 60 tonnes, Volga-Dnepr created individual handling solutions, while its engineers created a special loading process to carefully place the large pieces into the aircraft's cargo hold. Special loading equipment was developed and manufactured by Volga-Dnepr to reduce the need for cranes to load and unload cargoes, saving additional costs and ensuring the project's critical delivery deadlines were met.
- Over a period of 103 days, Volga-Dnepr operated 88 cargo flights using its An-124-100 freighters, resulting in an on-time delivery of all 6,000 tonnes.
- In April 2014, the Hide Gas Conditioning plant started producing liquefied natural gas ahead of schedule.

CASE STUDY 3

STRIPPING TOWER TO IRAQ

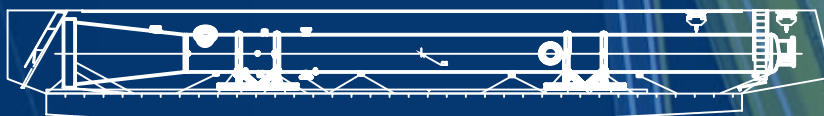


VOLGA  **DNEPR**

#7 8422 20 26 71

#7 8422 20 26 75

<http://www.volga-dnepr.com>



CARGO DESCRIPTION: STRIPPING TOWER

ROUTE: BAKERSFIELD (USA) – ERBIL (IRAQ)

WEIGHT: 70,000 KGS

- The 38.4 metre long shipment was two metres longer than the cargo floor of the An-124-100 aircraft.
- The shipment could not be dismantled to transport.
- Combining the capabilities of the An-124-100 with the skills of Volga-Dnepr's engineering and logistics experts, two special transportation cradles were designed using drawings and 3D modeling technology that enabled the tower to be loaded into the aircraft using a ramp and rail system.
- The cradles also maintained the structural integrity of the stripping tower whilst in transit.
- An on-time delivery was critical to the customers' operations as it was estimated the tower could refine 40,000 barrels of oil a day.
- Fast, safe and secure delivery onboard the An-124 enabled production to begin ahead of schedule.

CASE STUDY 4

PIPES TO BRUNEI





CARGO DESCRIPTION: PIPES

ROUTE: AMSTERDAM – BRUNEI

WEIGHT: 100,000 KGS

- Pipes were needed to be transported to a plant in Brunei for the production of methanol.
- The most efficient way to transport the pipes was onboard one of the Boeing 747-400F freighters of AirBridgeCargo Airlines, part of Volga-Dnepr Group.
- Transportation was arranged as soon as possible.
- The cargo was delivered within 12 hours.

CARGO SUPERMARKET IN ACTION

VOLGA-DNEPR'S UNIQUE 'CARGO SUPERMARKET' CONCEPT IS DESIGNED TO OFFER CUSTOMERS THE MOST EFFICIENT LOGISTICAL SOLUTION FOR EVERY SHIPMENT, TAKING INTO ACCOUNT THE CHARACTERISTICS OF THE CARGO, THE ORIGIN AND DESTINATION POINTS, THE DELIVERY TIMESCALES AND BUDGETARY CONSIDERATIONS.

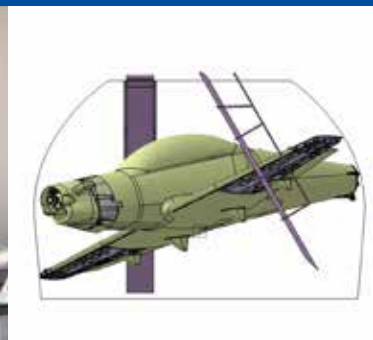
Over its 28 years of operation, Volga-Dnepr Group has established its reputation as a reliable air carrier, trusted partner, and world leader in the heavy and outsize air cargo transportation market. This achievement is not only due to the unique and unprecedented capabilities of the Group's fleet of airplanes and its development of proprietary loading systems but, more significantly, because of the expertise and professionalism of its team of people who consistently deliver the best transport and logistics solutions for customers worldwide.

Volga-Dnepr Group's proven engineering and logistics expertise enables it to support customers with a total logistics solution for 'door-to-door' deliveries and the completion of complex 'turnkey' projects. This includes the ability to design and manufacture bespoke frames and implement tailored engineering solutions for complex, heavy and outsize cargo deliveries that require the speed, security and

predictability of an air cargo delivery. For every customer requirement, no matter how complex, the Group's logistics specialists are able to call upon the best intellectual and material resources of Volga-Dnepr Group as well as the cooperation of proven and reliable partners and sub-contractors all over the world.

Volga-Dnepr's integrated end-to-end engineering and logistics capabilities are available to the Group's customers whether they require a total door-to-door delivery solution or individual components to ensure a safe, secure and on-time cargo delivery.

Always, our aim is to identify and deliver the most timely, efficient and economic solution for every customer. By discussing your transportation requirements with us at the earliest opportunity in your planning process, we'll deliver the best solution for you.



CONSULTANCY, LOGISTICS AND ENGINEERING SERVICES:

Site visits to conduct engineering and technical assessments of cargoes for transportation



Consultancy ahead of the product manufacturing process to ensure the cargo is capable of being transported without any delays or unexpected costs



Design and manufacture of special frames to enable loading and transportation of the cargo



Packaging advice and support to ensure the integrity of the cargo throughout the transportation process



Use of multi-modal services, including road, rail and sea transport



Sourcing of third party cargo aircraft if required to minimise costs for customers



Optimal route planning from production site to final destination



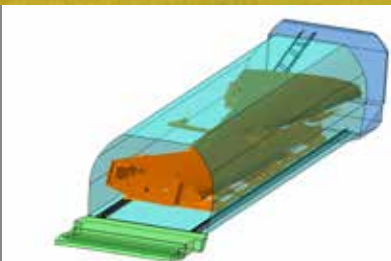
Ground support arrangements at airports for loading/unloading, cargo delivery to/from the airport and obtaining all necessary authorisations, approvals and permits



Assistance with customs clearance, insurance and warehousing of cargo



VOLGA-DNEPR'S ENGINEERING AND LOGISTICS EXPERTS ARE CONTACTABLE 24/7



BEST PRACTICE IN MOVING OIL & GAS CARGOES

Over 28 years of growth and development, Volga-Dnepr Group has attracted a highly-educated and highly-skilled workforce capable of tackling every aspect of the transportation and logistics process, however extreme and seemingly 'impossible' the challenge may seem.

Here are some simple steps to help ensure the seamless delivery of your cargo:

1. Provide the airline with any technical drawings and/or photos of the cargo along with any instructions for its transportation. This will allow the load planning engineer to make a full assessment of the cargo and approve loadability prior to shipment.
2. Provide the airline with an accurate list of any additional pieces to be sent with the main cargo. This is required to complete the load planning and navigational calculations.
3. Supply the airline with information on any dangerous goods that may form part of the shipment.
4. Confirm with the airline how the cargo needs to be transported, advising which parts can be dismantled, if required, and explain how the dismantled parts will then be packed.
5. Any enclosed space on the cargo should not be hermetically sealed in order to allow the air pressure inside and outside of the cargo to equalise during the flight.
6. During the flight, the air pressure in the cargo cabin will reduce. It is therefore important to inform the airline if you have any special requirements for the transportation, such as air temperature and pressure in the cargo cabin.
7. Inform the airline of the location of any lifting points and lifting instructions as well as any special requirements.
8. Advise the airline of the locations on the cargo that may be used to adequately secure/restrain the cargo within the aircraft's cargo cabin. The airline will provide a provisional load plan detailing the intended tie-down scheme for your approval.
9. The airline will ask you to approve its planned method for loading and transportation. Please review it and either give consent or explain the reasons for any questions you have and everything possible will be done to find a solution.
10. Talk to the airline if you have any questions or concerns. Solving issues during the preparation stage will avoid any problems or delays to the flight operation.



WHY CUSTOMERS CHOOSE US

VOLGA-DNEPR'S GLOBAL TEAM OF TRANSPORTATION, LOGISTICS AND ENGINEERING SPECIALISTS ARE READY TO SHARE THEIR EXPERTISE WITH YOU.

For over 28 years, we have been proud to serve customers all over the world. They come back to us again and again because they value:

- The expertise of our cargo transportation & logistics experts
- The unique operating capabilities of our aircraft fleet
- Our ability to provide an end-to-end logistics solution
- Our compliance with international safety and security standards
- Our ability to complete individual flights and projects on-time and on-budget
- Our global flight operations, even to remote regions of the world
- Our ability to design and engineer handling and loading frames and systems that make air cargo services possible for unique, outsize and heavyweight cargoes

WHEN TO ENGAGE WITH US

We recommend you contact Volga-Dnepr at the earliest possible stage of your planning process.

For unique, outsize and heavyweight air cargoes, many customers involve Volga-Dnepr at the product design stage in order to ensure that they take transportation of the finished product into account before they begin the manufacturing process. By working in partnership with the customer, Volga-Dnepr's engineering and planning experts can offer advice such as simple modifications to the cargo, if required, that will ensure it can be transported, loaded and unloaded safely. This can result in significant cost and time savings.

Early planning will also help us to ensure the aircraft you need is available when and where you need it to move your shipment on-time.

Volga-Dnepr's unique 'cargo supermarket' services enable us to always find the most cost efficient solution for every cargo movement or project. Talking to us early in your planning and manufacturing cycle means we will be able to tailor our service offering to achieve the optimum transportation of your cargo without having to incur any unnecessary delays or costs.

OUR EXPERTS ARE AT YOUR SERVICE 24/7

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