

# WE DELIVER LOGISTICS SOLUTIONS

Volga  Dnepr

# WE WORK WITH GLOBAL LEADERS

For over 28 years, Volga-Dnepr Group has been transforming the transport and logistics concept, providing its customers with timely, reliable and cost-efficient solutions for even the most complex cargo projects.

Volga-Dnepr Group is a member of TIACA, FIATA, British International Freight Association (BIFA), Baltic Air Charter Association (BACA), Humanitarian Logistics Association (HLA), and is accredited to ISO9001 quality and environmental standards.

The Group's transport and logistics specialists use their knowledge and expertise to plan and deliver the best possible solution for every customer requirement. By choosing Volga-Dnepr, global organisations know

they are working with a team of professionals that will ensure they can keep the promise they have made to their own customers.

Volga-Dnepr Group also regularly performs transportation services for international governments to support worldwide peacekeeping and humanitarian aid projects, and for organisations supporting the victims of natural or man-made disasters.

Members of The  
International Air Cargo  
Association (TIACA)



Accredited to ISO9001  
quality and  
environmental standards



OIL & GAS



AEROSPACE



AUTOMOTIVE



INDUSTRIAL MACHINERY



TELECOMMUNICATIONS



MINING



CONSUMER ELECTRONICS



PHARMACEUTICALS



PERISHABLES



LIVESTOCK



DANGEROUS GOODS



RADIOACTIVE GOODS

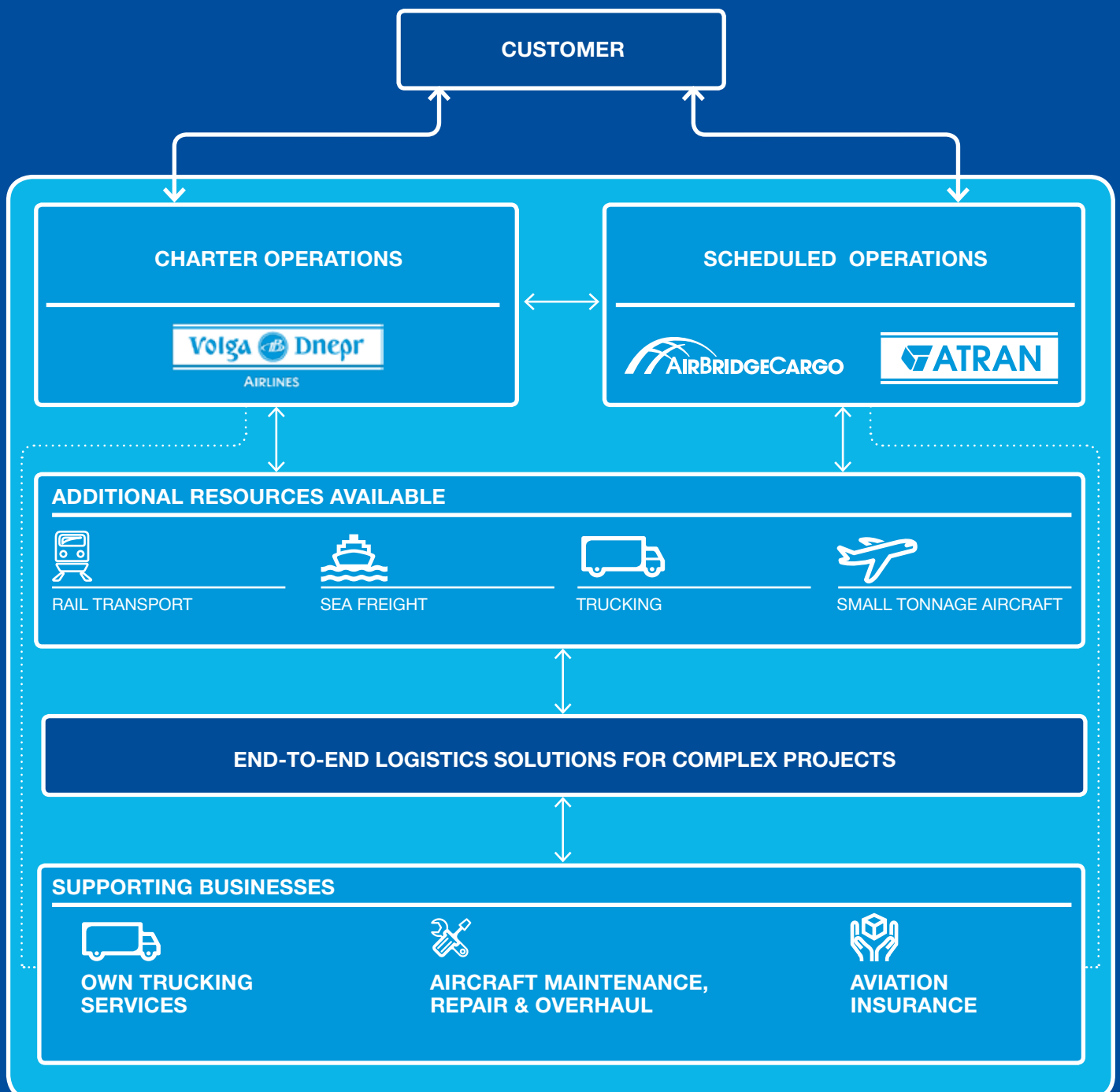
over 20

companies in 16 countries



>5,000,000

tonnes of freight delivered  
since 1990



# 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.

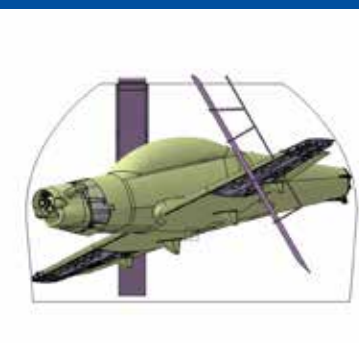
Over its 28 years of operation, Volga-Dnepr Group has established its reputation as a reliable air carrier, trusted partner, and world leader in the heavy and outsize air cargo transportation market. This achievement is not only due to the unique and unprecedented capabilities of the Group's fleet of 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



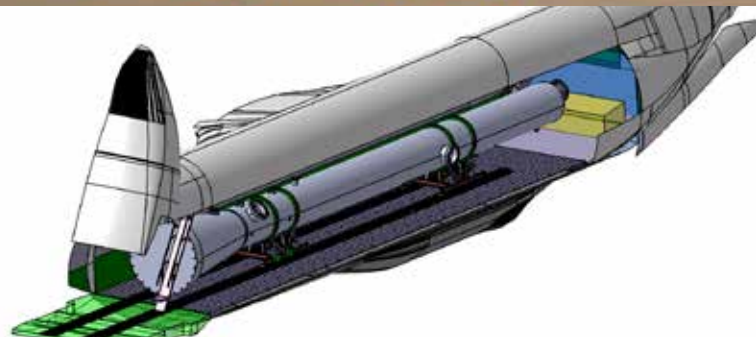
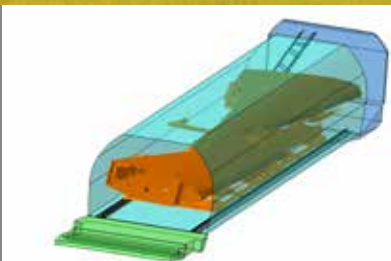
Ground support arrangements at airports for loading/unloading, cargo delivery to/from the airport and obtaining all necessary authorisations, approvals and permits



Assistance with customs clearance, insurance and warehousing of cargo



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

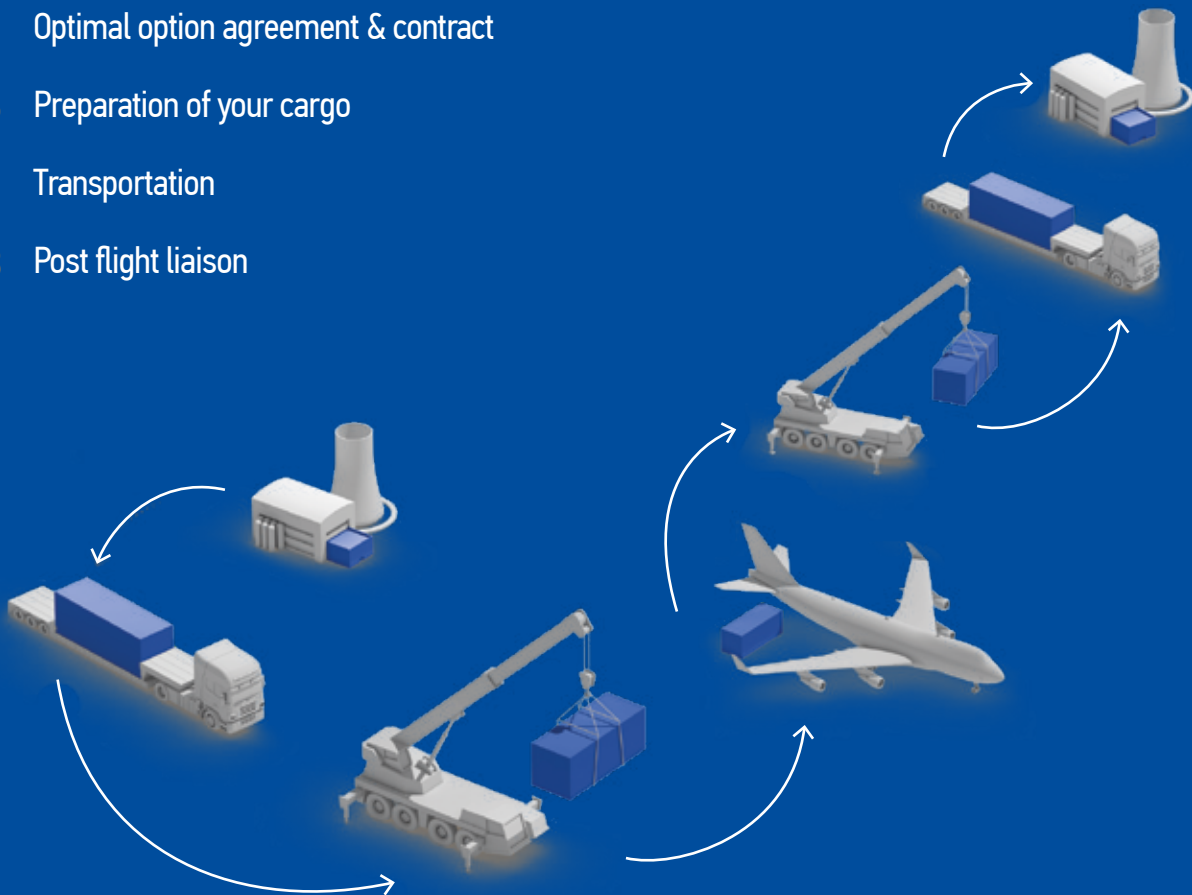


# CARGO DELIVERY PROCESS

Volga-Dnepr experts will plan and monitor the transportation process through the following eight main phases:

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- 1 Client consultation and 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



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OUR EXPERTS ARE AT YOUR SERVICE 24/7



# OUR CUSTOMERS

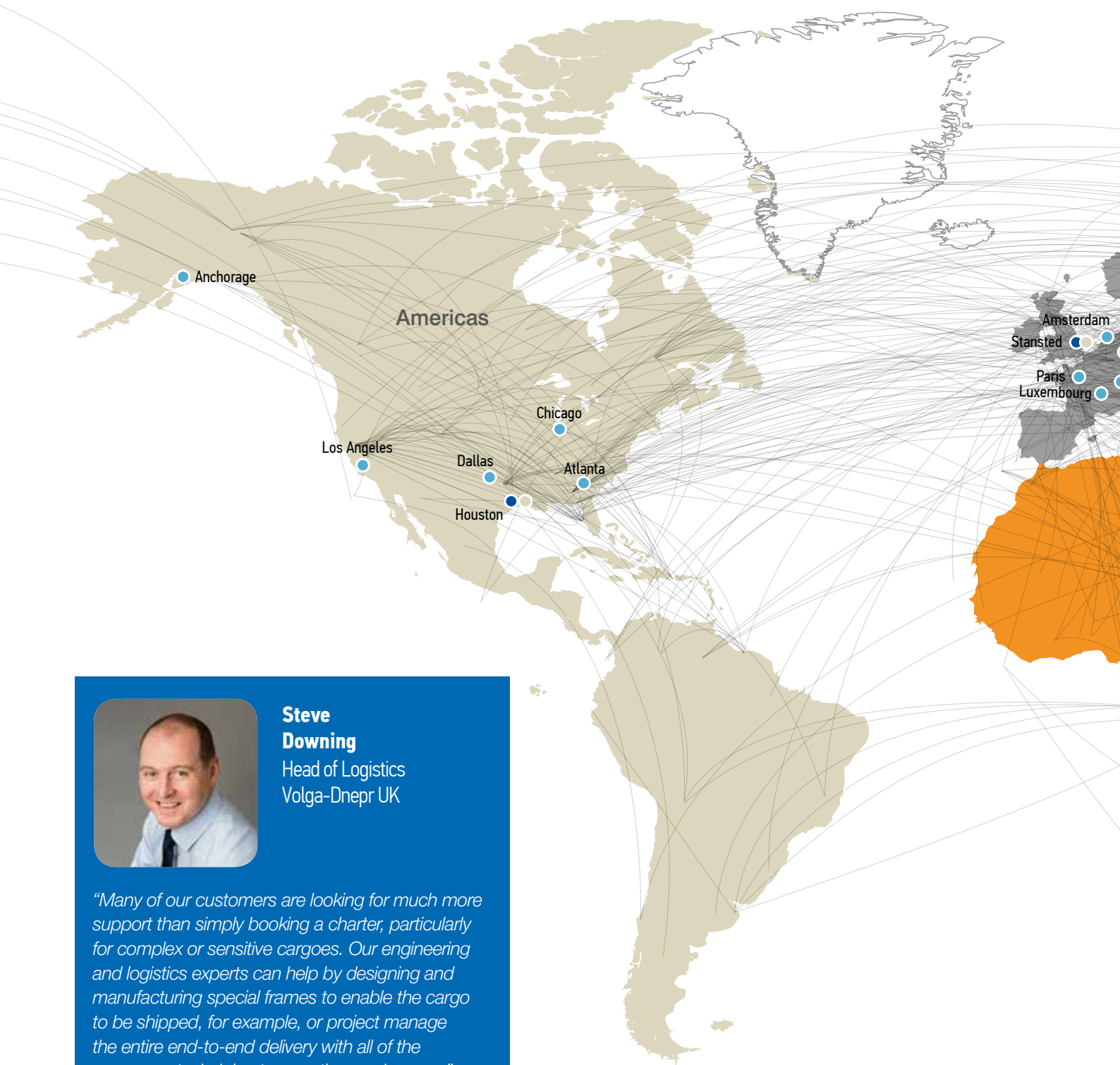
Volga-Dnepr provides logistics solutions for global industry leaders, including:



- The Boeing Company
- United Aircraft Corporation (UAC)
- General Electric (GE)
- United Launch Alliance
- Airbus Group
- Alcatel
- BP
- ExxonMobil
- British Aerospace (BAe)
- Spirit Aerosystems
- Bedford Group
- Erickson Incorporated
- Starsem SA
- LUKOIL
- Rosneft
- Bombardier
- Russian Helicopters
- Rolls-Royce
- ISS-Reshetnev
- Thales Alenia Space
- Kaluga Turbine Company
- Samara Cable Company
- Siemens
- Telecom Zapad
- Norilsk Nickel Group
- Radiomed Center

# GLOBAL EXPERTISE

OUR NETWORK OF GLOBAL OFFICES PROVIDE SAFE AND COST-EFFICIENT END-TO-END SOLUTIONS, ADDING VALUE TO YOUR GLOBAL SUPPLY CHAIN.

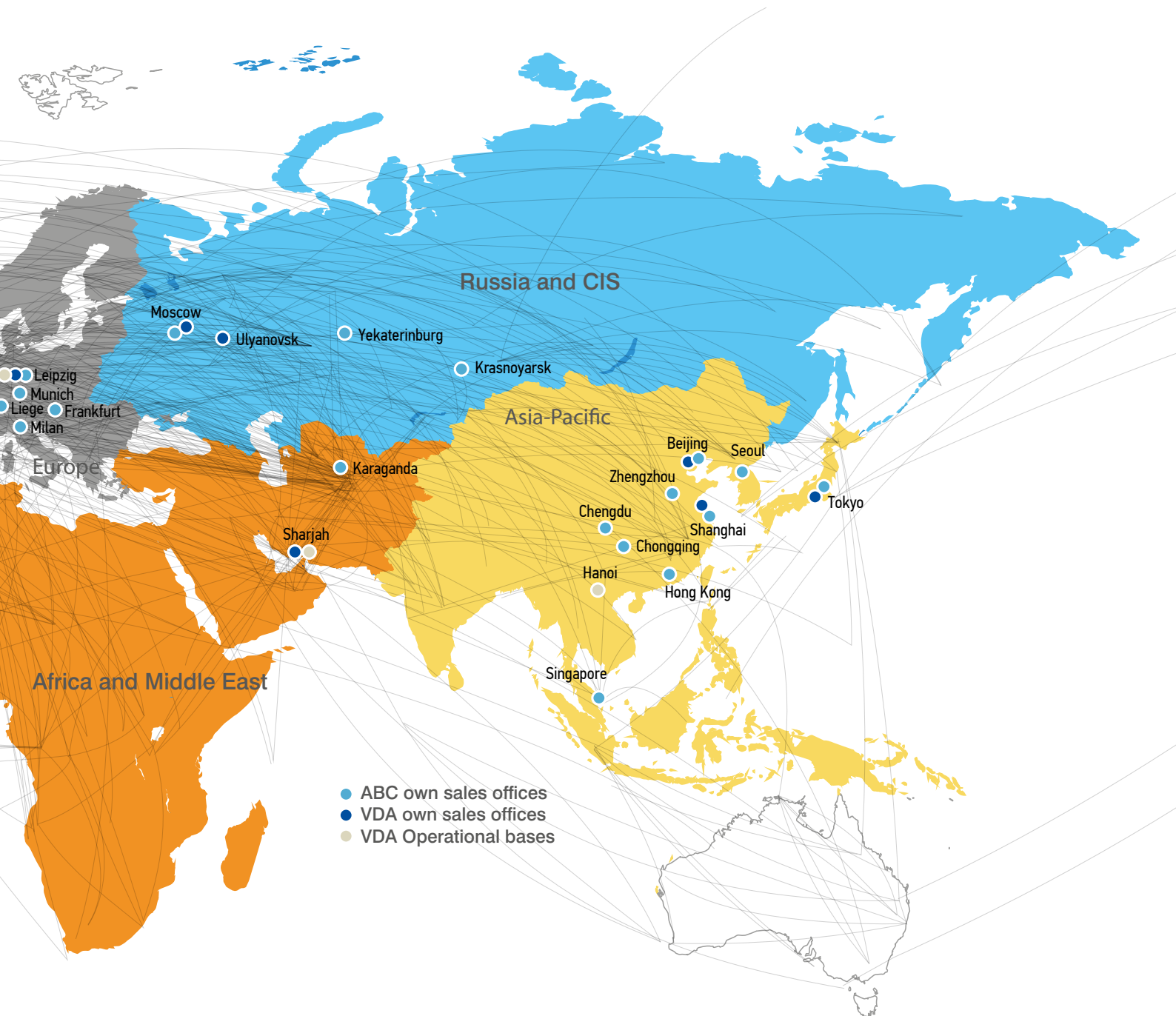


**Steve Downing**  
Head of Logistics  
Volga-Dnepr UK

*"Many of our customers are looking for much more support than simply booking a charter, particularly for complex or sensitive cargoes. Our engineering and logistics experts can help by designing and manufacturing special frames to enable the cargo to be shipped, for example, or project manage the entire end-to-end delivery with all of the components, helping to save time and money."*



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



### THE VALUE OF OUR LOCAL OPERATIONAL BASES

Volga-Dnepr Group has established several regional operational bases to further improve customer logistics support and provide unique expertise and experience in the most effective manner. The locations of the bases in London Stansted, Sharjah, Leipzig, Houston and Hanoi were chosen with customers' interests in mind and to increase accessibility to the Group's air freight services.

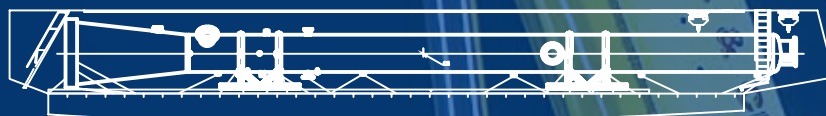
These operational bases are supported by highly-qualified logistics, commercial and customer support specialists, load-planning executives and loadmasters, operations, navigators, and ground handling specialists who are ready to find the best logistics solutions 24/7. The Group's aircraft are also parked in major regions around the world to decrease positioning costs of both aircraft and loading equipment.

CASE STUDY 1

# STRIPPING TOWER TO IRAQ







**CARGO DESCRIPTION:** STRIPPING TOWER

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**ROUTE:** BAKERSFIELD (USA) – ERBIL (IRAQ)

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**WEIGHT:** 70,000 KGS

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At 38.4m long, this shipment was two metres longer than the cargo floor of the An-124-100 aircraft. It didn't have any authorised lifting points and the customer did not want to cut the cargo to reduce its length as this would mean additional cost and a time delay to reassemble the tower on its arrival in Iraq.

The solution provided by Volga-Dnepr's Engineering and Logistics Centre was to design special transportation cradles using drawings and 3D modeling technology to maintain the structural integrity of the tower during transportation and enable it to be loaded into the An-124-100 using a ramp and rail system. Volga-Dnepr also took care of trucking, craning, local police escorts and general safety measures related to moving such a large piece of cargo over land to the airport for loading.

#### RESULT:

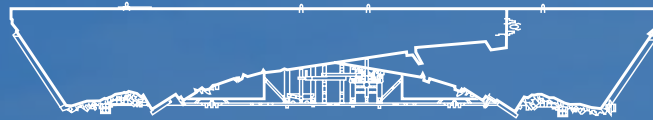
With the stripping tower's capacity to refine 40,000 barrels of oil a day, the timing of the delivery was critical to enable operations to begin at the refinery as soon as possible. Every day it remained in the United States represented a significant loss of revenue for the client. Volga-Dnepr's fast, safe and secure delivery of the tower enabled production to begin ahead of schedule.

CASE STUDY 2

# DOOR-TO-DOOR DELIVERY OF BOEING 787 DREAMLINER WING SECTIONS







**CARGO DESCRIPTION:** BOEING 787 DREAMLINER WING SECTIONS

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**ROUTE:** NAGOYA (JAPAN) - EVERETT (USA)

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**WEIGHT:** 52,000 KG

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Volga-Dnepr is an Active Contingency Supplier for the Boeing 787 Programme. Its role in supporting Boeing's aircraft production schedule included the transportation of 28-metre wing sections onboard an An-124-100 freighter from Mitsubishi Heavy Industries' manufacturing plant in Japan.

An international team comprising Volga-Dnepr experts in Russia and the UK, Boeing in the United States and Broetje Automation in Germany developed unique loading equipment to ensure the safe loading/unloading and transportation of this outsize cargo shipment to its destination. The loading process was created using a three-dimensional modeling system.

The secure, on-time delivery of the 787 Dreamliner wing sections ensured Boeing incurred no delays in its aircraft production schedule. Since this flight, Boeing has signed a long-term logistics support agreement for Volga-Dnepr Group for its An-124 and 747 freighters to provide services for Boeing and its partners.

CASE STUDY 3

# COMBINING VOLGA-DNEPR GROUP'S UNIQUE CAPABILITIES







**CARGO DESCRIPTION:** EQUIPMENT FOR TRANSPORTATION OF HEAVY AND OUTSIZE CARGO - TWO SELF-PROPELLED TRAILERS AND A CONTROL STATION

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**ROUTE:** MAASTRICHT (THE NETHERLANDS) - Khabarovsk (RUSSIA) - AMSTERDAM (THE NETHERLANDS) - Khabarovsk

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**WEIGHT:** 46,000 KG + 5,000 KG

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Two flights were performed using Il-76TD-90VD and B747 freighters from the Group's aircraft fleet, providing another positive example of how using the synergy between the two airline businesses of the Group can deliver the best solutions for its customers.

Volga-Dnepr's experts had to perform a range of tasks for this particular shipment. First, the modules could not move without a special control station which was required to enable loading/unloading operations. Secondly, the weight of the cargo meant it was not possible to transport everything on a single flight. The customer needed an economic and highly-efficient logistics solution – and that was provided by the Group's Engineering & Logistics Centre.

The module trailers were shipped from Maastricht to Khabarovsk onboard a Volga-Dnepr Il-76TD-90VD charter flight. The five-tonnes control station, meanwhile, was transported from Amsterdam using an AirBridgeCargo Airlines' charter flight.

In the meantime, the customer was provided with additional services including crane hire, airport terminal and apron cargo handling.

The services offered by Volga-Dnepr ensured a cost efficient solution to the customer and enabled the full transportation to be completed in the shortest timescale.



**CARGO DESCRIPTION:** MARINE RESCUE EQUIPMENT

**ROUTE:** SCOTLAND – PERTH, AUSTRALIA

**WEIGHT:** 41,000 KGS

**DATE:** SEPTEMBER 2016

When Aviation Consultants Ltd was tasked with moving 41,000 kgs of marine rescue equipment from Scotland to Australia, the prospect of using a scheduled cargo flight of another airline from the UK to Melbourne was not only expensive, it would also have involved a 7-day journey by road to Perth to its ultimately destination for the highly sensitive shipment.

Thanks for Volga-Dnepr's unique 'Cargo Supermarket' service offering of scheduled, charter and logistics services, they were able to provide a far more timely and cost efficient solution to the customer with a direct air cargo delivery to Perth.

**STEP 1 – Trucking: Scotland to Amsterdam**

- Volga-Dnepr organised the collection of the cargo from the factory in Scotland and trucking to Amsterdam.

**STEP 2 – Boeing 747 scheduled cargo flight to Singapore**

- Timely connection with AirBridgeCargo Airlines' scheduled Boeing 747 freighter service to Singapore via Moscow.

**STEP 3 – IL-76TD-90VD charter flight to Perth**

- On arrival in Singapore, the shipment was quickly transferred onto Volga-Dnepr Airlines' waiting IL-76TD-90VD for the final leg of its journey to Perth.

With one of its IL-76TD-90VD freighters based in Southeast Asia, Volga-Dnepr was also able to significantly reduce additional cost to the customer for repositioning the aircraft into the region. Moving the shipment on a through air waybill also enabled the customer to avoid additional import and export charges in Singapore.



## CASE STUDY 4

# CARGO SUPERMARKET SAVES TIME & COST FOR SENSITIVE DELIVERY



# BEST PRACTICES IN INTEGRATED LOGISTICS SUPPORT

Over 28 years of progressive development, Volga-Dnepr has built a team of highly qualified and committed professionals who are capable of providing cost effective and time saving solutions for the most challenging and complex logistical requirements.

BELOW ARE SOME SIMPLE RECOMMENDATIONS THAT WILL FACILITATE THE MOVEMENT OF YOUR CARGO AND MAKE YOUR EXPERIENCE WITH US EVEN MORE SEAMLESS AND EFFICIENT:

1

Do not view Volga-Dnepr only as an air carrier. We provide integrated transportation solutions that offer you everything you will need to move your cargo safely, on-time and on-budget.

2

Provide us with the specifications of your cargo, details of the locations of the shipper and consignee, plus the required delivery date/s. We will then plan the most efficient logistics solution tailored to your exact needs.

3

If you intend to package or prepare the cargo yourself for transportation, provide us with full information about the packaging or frames being used, including size, weight and dimensions.

4

Alternatively, we can handle the design and engineering of special frames to ensure safe loading and unloading of your cargo and to secure it during transportation. We will provide you with a list of the information we require.

5

Advise us of any special requirements and conditions to observe during carriage.

6

Advise us of any items or materials in your cargo which are classified as dangerous goods. You can always rely on our assistance to help you identify your category of cargo. Keep in mind that in order to comply with regulatory requirements additional information or documents concerning the nature of the cargo might be requested.

7

Should you require our assistance with any customs arrangements, we will need relevant information regarding customs codes and customs treatment requirements for your cargo.

8

If you have plans to transport oversize and/or heavy cargo, including complex industrial equipment and special shipping containers, please approach us during their design and manufacture phase. Our expert advice will prevent any potential delays or unexpected additional costs when you transport your cargo. Our regular customers, including large global corporations, frequently enjoy the advantages of such co-operation with Volga-Dnepr and continuously adopt this approach.

# OUR FLEET

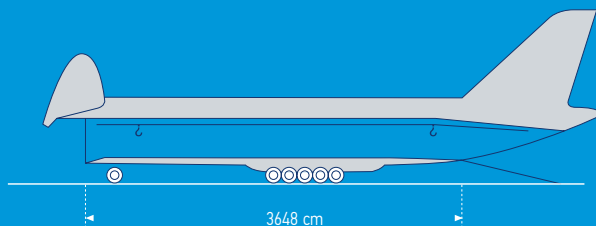
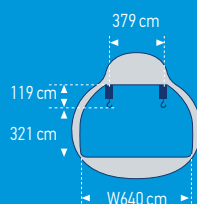
## AN-124-100

✈ 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 COMMERCIALY-PRODUCED RAMP AIRCRAFT
- VOLGA-DNEPR IS THE BIGGEST INTERNATIONAL AN-124-100 OPERATOR IN THE WORLD



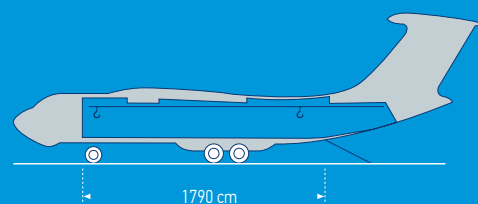
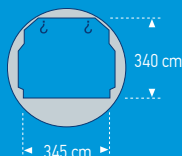
## IL-76TD-90VD

✈ 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

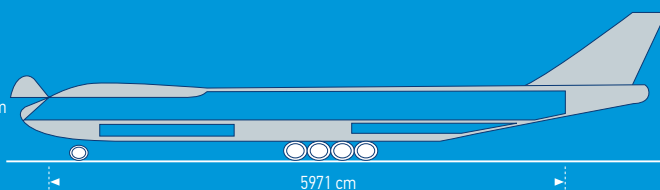
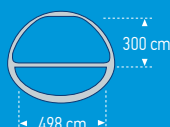
✈ x18

46 < 135t

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

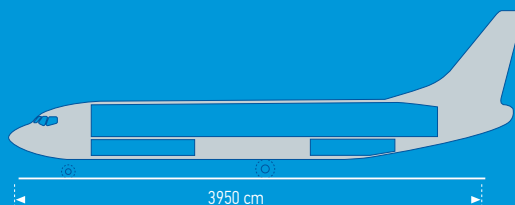
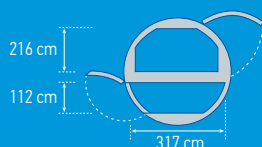
✈ x3

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



# WHY 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 expertise in designing unique transport & logistics solutions
- 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 TEAM OF EXPERTS ARE AVAILABLE 24/7



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