

PROJECT CARGO NEWS

PCN'S BI-MONTHLY NEWSLETTER

ISSUE 40 • SEPTEMBER 2018

**HEAVY
TEAM:**
A CHILDREN'S
BOOK ON
OVERSIZED &
HEAVY CARGO!

SEE PAGE 12 FOR DETAILS



NEW MEMBERS
THIS ISSUE

EQUATORIAL LOGISTICS:
NIGERIA

RETEMS LOGISTICS:
AZERBAIJAN

SPC LOGISTICS:
COSTA RICA

MM LOGISTICS:
THAILAND

MONNARD:
GERMANY

SCACLI:
CANADA



**PROJECT
CARGO
NETWORK**

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FROM THE PRESIDENT/C.E.O.



Welcome to another bumper edition of the PCN Digital Newsletter, over 35 pages packed with news from our Members.

Did you see PCN in the industry's leading publication? We are featured in an article on page 96 of the July/August 2018 issue of HLPFI magazine called 'Nurturing Skills to Retain Your Staff'. HLPFI has a distribution of 20,000 and pass-on readership of 100,000 so this is great promotion for all PCN Members.

The article includes a photo of Nidheesh Kurumangalath of Khimji Ramdas Shipping in Oman who is one of over 140 staff members who have signed up for our online training. See pcntraining.com for more details.

Also, have you reserved your room at the venue of our 8th Annual Summit, the Real Intercontinental in San Jose? If not, please do so quickly as the hotel is very popular and gets fully booked quickly! Contact Wendy or Judith for a reminder on how to get our special rate.

Costa Rica's new president Carlos Alvarado recently announced a ban on fossil fuels, establishing the small country as a major trailblazer in the global fight against climate change. As so many of our Members are working in the renewable energy field, and the PCN Head Office holds an ISO 14001 Environmental Management certificate – this is an apt and inspiring country to host our meeting.

Enjoy this issue and see you in just over 10 weeks!

RACHEL HUMPHREY
President/C.E.O



WWW.PROJECTCARGONETWORK.COM

PROJECT CARGO NETWORK

PROJECT CARGO NETWORK is an ISO 9001 (Quality Management) and ISO 14001 (Environmental Management) certified organisation established in August 2010 to provide heavy lift and project cargo specialists access to a trusted, worldwide network of agents who could handle their specialist shipments, whilst working professionally and safely under a strict Code of Conduct.

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COVER: Heavy Team: A Children's Book on Oversized & Heavy Cargo!
See p12 for details.
Photograph supplied by Heavy World.

PROJECT CARGO NETWORK cannot take responsibility for the opinions, statements and/or facts expressed in the stories, that are contained in this publication. Any views expressed are those of the individual quoted, and not necessarily those of the publisher. The publisher can accept no responsibility for any errors or omissions made, but will endeavour to amend any, that are brought to our attention, in a future issue.



GLOGOS IN RUSSIA DELIVER OVERSIZED CARGO WITH EASTERN SHIPPING



Russian members, Glogos are pleased to share a recently completed oversized delivery of a propeller nozzle to Vyborg Shipyard, working with fellow PCN members representing Romania, Eastern Shipping.

"Despite of permanent repairs of the Federal road 'Scandinavia' and the regular closure of traffic, Glogos managed to complete the delivery of the oversized propeller nozzle from Saint Petersburg to the Port of Vyborg."

The scope of work included transshipment in Petrosport in Saint Petersburg, customs clearance and trucking with a safety convoy.

www.glogos.net
www.eastship-projects.com



PCN FEATURED IN HLPFI ARTICLE 'NURTURING SKILLS TO RETAIN YOUR STAFF'

We are delighted to be featured in an article in the July/August 2018 issue of HLPFI magazine on page 96, 'Nurturing Skills to Retain Your Staff', which has a distribution of 20,000 and pass-on readership of 100,000.

The article includes a photo of Nidheesh Kurumangalath of Khimji Ramdas Shipping in Oman who is one of over 140 staff members who have signed up for the training.

EVIDENCE AUDIT 2018



As you know, our network is open to both project cargo forwarders and companies who handle heavy lift, as stated on our About PCN page.

As we are a specialist organisation, it is important to me that only companies who are active in these sectors remain in PCN.

We recently carried out our Evidence Audit for the 4th year running and were delighted with the results...

- **91% of Members passed our strict Evidence Audit**

Since the Evidence Audit launched, the PCN Head Office has identified and replaced 29 companies who either didn't respond, failed the audit or didn't attend our annual networking events. We do of course, take into account the current political and economic situations of certain countries.

The audit is working well and we have seen a continual increase in the percentage of Members who have passed, which means our network is getting stronger and stronger.



ABL & FREJA HANDLE ABSORBING TOWER

Project specialists, ABL have recently organised the delivery of an Interpass Absorbing Tower with the assistance of PCN partners, FREJA Transport & Logistics.

The largest piece weighed 44tns and measured 21.5 x 6.7 x 6.4m and required special attention for which ABL selected qualified contractors to assure a smooth and timely delivery. The cargo was picked up from the shippers in Kocaeli (Turkey) in June and delivered to Derince Port. It was then shipped by a chartered vessel to Mäntyluoto in the Port of Pori in Finland where it was kept in storage till the beginning of August. FREJA then successfully took care of all the local handlings and final delivery to the receivers' site.

Another example of PCN members coming together to execute challenging jobs!

www.abldissaco.com, www.freja.com



HANNATIONAL HANDLE TRANSPORT OF REACH STACKER IN CHINA

Chinese members, Hannational Shipping have recently handled the transport of a dismantled Konecranes reach stacker. The cargo consisted of the main unit weighing 36tns and measuring 8.0 x 4.2 x 3.9m, the boom weighing 16tns and measuring 11.0 x 2.0 x 1.9m and other smaller parts.

The pieces were picked up by Hannational in Zhangzhou in China and delivered to an open yard near the terminal in Xiamen where the cargo was craned, stuffed, lashed and secured into 2 x 40' FR and 1 x 40' HQ. The laden containers were then moved to Xiamen Port for shipping by carrier to Jebel Ali in the UAE.

Anna Wu at Hannational comments: "The main body was too high to be transported on land on a 40' FR so we had to load and secure the cargo into containers near the terminal. The boom length reached 11m but we managed to load it into 1 x 40' HQ to avoid using a 40' OT to save costs."

www.hannational.com

22nd Ballast Water Management Conference
27-28 Feb 2019 / Singapore

Key Topics

- What are the IMO's plans to support the global enforcement of BWM convention?
- Productivity, Compliance & Selection Criteria of BWM Solutions – Right for their Fleets
- Implementation picture, beyond approving BWM plans? – Perspectives from all the Stakeholders
- What elements to consider when developing retrofit and new build strategies?
- Operability, Maintenance & Lifecycle issues of BWM System
- CBIT Training | Guaranteeing Crew Competence – For Effective Systems Operation, Maintenance & Upgrades

Event Speakers

- Solil Kumar, Deputy Director – Technical, MMS Company Ltd. (Singapore)
- Afzal Machingal, Manager – Engineering & Technology, Eaglestar Marine (S) Pte Ltd
- Kiran Shet, Senior Project Manager, Maersk Tankers
- Kapil Berry, General Manager, Head of Compliance & Environmental, BW Fleet Management Pte. Ltd.
- Avinash Kadam, Managing Director, ARK Marine Consultancy Pte Ltd.

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ACI

HEAVY LIFT & PROJECT LOGISTICS LEADERSHIP SUMMIT
6-7 February 2019
Amsterdam, The Netherlands

Book your tickets now
www.hplsummit.com



MM LOGISTICS COMPLETE INSTALLATION PROJECT IN THAILAND

MM Logistics are new members in Thailand! Group Director, Mr. Wirot Pongloke states: “MM Logistics was formed in 1999 as a pioneering logistical company providing integrated services and support to oil and gas companies at a level meeting international standards. We offer a wide range of quality services and we are here to help with any project big or small to support the growing industries in Thailand and the Asia Pacific region. Our bases are strategically positioned to support activities at major ports across the region including Bangkok, Songkhla, Ranong, Sattahip, Lan Krabue and Wichian Buri. We also have an added advantage to use the free zone facilities at very competitive rates with customs services as a one stop solution.”

MM have recently completed an installation project for BMW. The project took 10 days and ran smoothly to the full satisfaction of all parties. Full details and photos can be viewed in the PDF presentation, that accompies the online version of this story.

www.mml.co.th



A SKILLED & WELL-EQUIPPED TEAM AT EQUATORIAL LOGISTICS IN NIGERIA



We are pleased to welcome Equatorial Logistics and Trade Nigeria Limited as new members. Established over 20 years ago in 1995, the company's offices are located in Lagos.

Managing Director, Chika Ugo: "Equatorial Logistics and Trade is one of Africa's fastest growing integrated supply chain management platforms, positioned for seamless operational advantages built upon a heritage of excellent customer service. Providing customised and specific solutions, we offer a full suite of project cargo, heavy lift, supply chain and logistics services. The combined experience and professionalism of the Equatorial Logistics management team along with our open and honest approach to relationships has set us apart from the competition.

Equatorial Logistics offers project cargo solutions for a range of different industries including industrial cargo, factories, oil & gas, mining & minerals and oversized vehicles. We have successfully completed numerous operations with cargo sizes ranging from 80in single pieces to a transport project of 1000 truckloads in a period of 12 days. We also have a speciality in heavy agro commodity exports and we have created a name in the industry

across Nigeria.

Recently, we have handled a project involving 30,000mtns of maize imported from Brazil to Nigeria at Port Harcourt which was cleared and evacuated within two weeks under a very robust and dynamic environment."

"We are well equipped with skills to handle any volume of project cargo as well as pilot our global partnerships. Our hopes and intentions in joining PCN is to both derive value and equally create value for the network in the West African region and global stage."

www.equatoriallogistics.com



C.H. ROBINSON SUCCESSFULLY DELIVER DRILL RIG TO THE CZECH REPUBLIC

C.H. Robinson Project Logistics were recently tasked by their long-term European client with transporting a drill rig to the Czech Republic. The drill rig had been sitting in an outside storage facility in Texas for three years before the move, enduring the summer heat as well as Hurricane Harvey. As the market demand has improved, the client decided to pull the unit out of storage and ship it to the company's Czech location for

extensive refurbishment.

C.H. Robinson coordinated the organisation, packing, and transportation of the cargo by truck to the Port of Houston and then by ocean vessel to the Port of Hamburg. A C.H. Robinson spokesperson comments: "The original plan called for transport from the Port of Hamburg to the client's production facility in Sviadnov (Czech Republic) via barge. However, based on the time of year and

the overall cost comparisons between barge and truck, our team decided to transport the cargo via truck. It took 60 days to accomplish the delivery because of the size, weight and number of pieces involved as well as the overall routing and permissions for the transport."

The total weight of the cargo was 604mtns with the largest piece weighing 42.3mtns and measuring 12.2 x 2.4 x 3.0m.



C.H. ROBINSON WITH MOVEMENT OF SEISMIC VIBRATOR BUGGIES

C.H. Robinson Project Logistics have recently coordinated the transportation of 5 seismic vibrator buggies, used to search for oil and gas beneath the Earth's surface.

Each buggy weighed 35.2mtns and measured 10.2 x 3.6 x 3.4m. The C.H. Robinson project team arranged for the cargo to be trucked to the Port of Freeport in Texas, organised clearance and coordinated the ocean freight to the Port of Kuwait.

"Our team collected the buggies at the pickup in Houston, had them cleared for export and then loaded on the very next vessel. Any issues would mean we would miss the sailing and would have to be rolled to the next. The Cargo Ready Date (CRD) of the buggies became challenging for our client as key components for the seismic system were supplied late so they had to work overtime to have the buggies ready in time. Meanwhile, our team used their deep knowledge of the procedure to coordinate pickup on the last possible day and still complete the 72-hour 'exodus' customs clearance for rolling stock shipments. All ran smoothly and the buggies were loaded for the initial sailing with our customer left very happy and the consignee also pleased to receive the buggies as expected."

www.chrprojectlogistics.com

TERA HANDLES FACTORY RELOCATION IN MALAYSIA



Members in Malaysia, Tera Projects & Shipping have recently handled the dismantling of a manufacturing machine and its relocation to a new factory.

The manufacturing machine and all its connecting parts and accessories was dismantled in a factory in Kapar in Selangor and all parts were then delivered to the client's new factory, 15km away from the old one. The total gross weight of the machine plus parts totalled 60,000tns.

Tera deployed a low-loader trailer and multi-axle trailer for the transportation of the parts and utilised two 45tn cranes for lifting and loading. Brian Foong (Assistant Manager) describes the project: "As the client's new factory is located in a rural area and in order to avoid huge obstacles when travelling through main roads, we decided to use village roads. This meant we faced the hurdle of power and communication cables to pass. Due to the over-dimensional shape and height of the cargo as well as the poorly maintained electrical cables not being fixed in proper positions, this was not an easy task. We used approved equipment to lift all the cables, but this was also made difficult as some of the roads were not in a good condition. However, we still managed to avoid any unexpected problems or delays during the journey thanks to the innovative ideas and support of our experienced drivers and escort team."

Successful and innovative solutions from Tera Projects & Shipping!



TERA WITH SHIPMENT OF TANKS FROM MALAYSIA TO ALGERIA

Tera Projects & Shipping have recently handled a shipment of 2 deaerator tanks, 2 condensate collection tanks and 1 case of accessories, loaded at Westports in Port Klang, Malaysia and shipped to Skikda Port in Algeria. The whole shipment had a gross weight of 98,000tns and a total volume of 816.86m³.

After utilising a multi-axle trailer and a vessel bridge trailer to load the tanks in accordance with the dimensions and weights, Tera collected the tanks and accessories from the client's premises and delivered them to Westports in Port Klang as a distance of 75km. Obstacles experienced during the journey included peak hour traffic, narrow turning roads and highway tolls, but Tera managed to overcome the difficulties with their escorts and professional team who are well-trained in transporting oversized cargo anywhere and anytime as well as the many different challenges it can bring.

Tera Projects & Shipping are expert PCN members in Malaysia.



TERA DELIVER ARMY TRUCKS IN MALAYSIA

Tera Projects & Shipping have a history of successful, well-executed projects in Malaysia and their latest delivery involved various different US Army trucks loaded at Kuantan Port in Pahang.

In total, approximately 20,000tns of army trucks were loaded at Kuantan Port, once discharged from the US Navy vessel (M/V Ocean Grand), and delivered to the Senawang Army Camp in Negeri Sembilan. Tera supplied low-loader trailers and platform trailers to load all the trucks and the Malaysian Army escorted the convoy on the journey.

TERA WITH CHALLENGING DELIVERY IN MALAYSIA

Malaysian members, Tera Projects & Shipping have delivered a huge ammonia converter basket. The shipment had a gross weight of 80,000tns and the cargo arrived at Westports in Port Klang from Genoa Port in Italy.

Tera collected the unit at the port and handled the delivery to the final destination in Gurun, Kedah, Malaysia. They utilised two shore cranes to lift and load the unit and supplied a vessel bridge trailer due to the OOG size and dimensions.

Brian Foong (Assistant Manager) comments: "As the unit was so oversized, we exited the port through a special gate with police and security escorts. We experienced some difficulties during exiting as the road was very narrow, but our experienced driver managed to make skilled sharp turning without moving any obstacles or blocking the road for other vehicles."

The Tera team successfully accomplished the oversized project cargo delivery to its destination safely and on schedule despite the challenges faced.



www.teraprojects-shipping.com

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 28th-29th NOVEMBER 2018, FLORENCE, ITALY

The 10th Anniversary Summit will feature:

- 200+ attendees and 15+ exhibitors
- Pre-Event Networking Drinks Reception sponsored by Lubrizol
- Exclusive Site Visit - ENI Refinery - Livorno - Italy
- The OEM Seminar - sponsored by Lubrizol : OEM Challenges 2030 and Beyond
- Parallel Streams dedicated to Industrial, Automotive and Bio-Based Lubricants
- Structured networking activities.
- Interactive format with on-stage interviews, panel discussions, in-conversation and lunch round tables.

The summit will ensure that delegates receive content in a way that is engaging and interactive, that also allows for everyone to be part of the wider conversation.

Registration & Information

Bo Gordon +44 (0) 203 141 0835 bgordon@acieu.net
 www.wplgroup.com/aci/event/base-oils-lubricants-summit



7TH SHIP RECYCLING CONGRESS 2019
 30TH - 31ST January // Amsterdam, The Netherlands

KEY TOPICS

- Evaluating The EU Ship Recycling Regulation 1257/2013
- Assessing the IMO Hong Kong Convention
- Focusing On The European Ship Recycling Market
- Assessing The Green Ship Recycling In India and South Asia
- Evaluating The Role Of Cash Buyers: Steps Undertaken Towards Responsible Ship Recycling
- Changing The Mode Of Contracts' Negotiations
- Transitional Measures For Shipowners Selling Ships For Recycling
- Analysing The Safe and Environmentally Sound Ship Recycling From The Workers' Perspective
- Launching The Ship Recycling Transparency Initiative (SRTI)
- Evaluating The Sustainable Financing Of Ship Recycling

SUPPORTING PARTNER
VDR German Shipowners' Association

PAST ATTENDEES

Heerema Marine Contractors Nederland SE * Ownership Treuhand GmbH * Logiscrap * Peel Ports Group Ltd * R.J. MacIsaac Construction Ltd * SRIA * CSL Americas * Oldendorff Carriers GmbH & Co. KG * Shakti Shipping International * SILVIA (London) Limited * New Zealand Defence Force * LEYAL Ship Recycling * ALP Maritime Services B.V. * NBM IRON & STEEL PVT. LTD. * Augustea Ship Management SRL * JRD Industries * Simonsen Vogt Wig * Ace Ship Recycling Pte Ltd * Galloo * Smeedgaard A/S * Simsekler Group of Companies * United Arab Shipping Company (S.A.G.) * LEYAL Ship Recycling * Stolt Tankers BV * Anglo Eastern Ship Mgt. Ltd * Recycling International * The China Navigation Company Pte Ltd * Soenen BVBA * RINA India Pvt Ltd * Grand Port Maritime de Bordeaux * Marine Recycling Corporation * TTS Syncrolift AS * Heerema Engineering Services B.V. * Oesterbaal BV * Høegh Autoliners AS * JLT Specialty Ltd * Lilly Maritime Pvt. Ltd. * Van De Poel | M.a.r.c. * VDR - German Shipowners' Association * NIGO Shipbreaking Platform * Stolt Tankers BV * GMS * ISRA * A-Gas International * Ace Erim Pte Ltd * Levela * GSR Services GmbH * VR Maritime Services Pvt Ltd * Best Oasis Limited * Shakti Shipping International * Mikella Consulting * Hapag-Lloyd AG * Wirana Shipping Corporation * GMS * OVAM | Public Waste Agency of Flanders * Lucky Group India * LaBounty * Omni S.p.A * BAIJNATH MELARAM * R L KALATHIA SHIP BREAKING PVT LTD and many more...

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INSIGHT.

ISAAC NEWTON (25 DEC 1642 – 20 MAR 1727)

In this article we review Newton's third and last law, this law is commonly known as "action = -reaction".

A more formal formulation is:

If object A exerts a force (F_a) on object B, then object B exerts a force (F_b) on object A.

This is the most controversial law as we will soon see. In the previous article (Newton's second law) we concluded that an object that is in rest will remain in rest when no resulting force (or net force F_{net}) is acting on it.

The third law (action = -reaction) is the logical next step in Newton's laws of motion.



MARCO J. VAN DAAL

THE "INSIGHT" ARTICLES ARE ALL GEARED TOWARDS EXPLAINING SEEMINGLY COMPLEX MATTERS IN SIMPLE TERMS.

Marco J. van Daal has been in the heavy lift & transport industry since 1993 starting with Mammoet Transport from the Netherlands and later with Fagioli PSC from Italy, both esteemed companies and leading authorities in the industry. His 20 year plus experience extends to 5 continents and over 55 countries and has resulted in a best selling book "The Art of Heavy Transport" which is available at www.the-works-int.com.

Marco has a real passion for sharing knowledge and experience, the prime reason for his frequently held seminars all over the world. He currently resides in Aruba, Dutch Caribbean, with his wife and two daughters.



Let's assume that a man is pulling on a rope that is connected to a wall, see Figure 1. The man pulls with a force of 500 Newton on the rope. Seemingly this is the only force in question. However, according to the second law of Newton this is not possible. If this force would be the only force then this would be the resulting or net force and the wall would be subjected to an acceleration ($F=m*a$) and move.

As this is (obviously) not the case, Newton's third law states that if the man pulls with a 500 Newton force on the wall, the wall pulls back with an equal but opposite force. In Figure 2 we can see that the man is object A pulling with a force F_a and that the wall is object B pulling with a force F_b in the opposite direction.

This third law also implies that if the man (object A) pulls with a force greater than 500 Newton that the wall will **react** with an equally greater force. If the man ceases to pull the rope, the wall will cease to react and will no longer exert a force on the man. In any situation the wall will **react** with an equal force as there cannot be a resulting or net force in order to satisfy Newton's second law.



What happens if we replace the wall by another man, see Figure 3. We can state that as long as both men do not move they have to pull with an equal force. If one of the men pulls harder than the other man, the pulling forces are no longer equal and there would be a resulting force. They would both move in the direction of the resulting force.

The classic rope pulling game shows this. The party who pulls harder will pull the other party across the line because the resulting force is in the direction of the winning party.

However, as long as the men do not move they have to be pulling with the same force. Suppose that one of them starts pulling a bit harder, the other one will have to pull equally harder in order to remain in the same place. This we can see in Figure 4.

Figure 4 also shows that the force in the middle of the rope is 500 Newton. An interesting question here is how hard each of the men is pulling to achieve this. We already know they have to be pulling with the same force but in Newton's time (late 1600's and early 1700's) it was not clear if each would pull with 250 Newton or would they each pull with 500 Newton.

The answer is that they each have to be pulling with 500 Newton. The understanding of this is not always easy. The force of 500 Newton is present in the entire rope, no matter where this force is measured. Whether it is measured in the middle (as shown) or at a quarter from the end or completely at the end. If the force at the end of the rope is 500 Newton you could argue that the man on that end of the rope would be pulling with 500 Newton. Otherwise there would be a resulting force in the end of the rope and we know now that this is not possible.

If this is still difficult to phantom, consider the following; assume that the rope is no longer horizontal but is now vertical. One end of the rope is connected to a crane hook (object A) and the other end of the rope is connected to a 500 Newton weight (object B).

When the crane hook (object A) lifts the weight (object B) off the ground there is a force of 500 Newton present in the rope. This force is caused by the weight (object B) and this is also what the crane hook (object A) is lifting. The 500 Newton force is present in the rope at every location, from bottom all the way to the top.

You can see why the last law was controversial in Newton's time.

TURK EXECUTE TRANSPORTATION OF TRANSFORMER IN BAHRAIN



Turk Logistics & Heavy Transport in Bahrain have successfully executed the transportation of a transformer weighing 85tns plus 5 cases of accessories.

Turk were responsible for the complete transportation from the shipper's facility to quay-side at Khalifa Bin Salman Port. The scope of work covered road permissions, transportation, escort arrangements & customs formalities.

Thanks to the timely and close coordination of the operation team members, Turk successfully executed the transport safely. Check out the online story for more photos of the unloading.

Turk Heavy Transport are strong and reliable founding PCN members in Bahrain.

www.turktransport.biz



FORTUNE SHOW THEIR PROBLEM-SOLVING EXPERTISE

Members in Italy, Fortune International Transport have recently completed the challenging transport of a large piece showing their problem-solving expertise.

Managing Director at Fortune, Paolo Federici explains: "The piece to be transported is enormous, not so much a matter of weight (70tns), but a problem with the measurements. A huge ring with a diameter of over 6m needed to be transported in Italy from the province of Novara to the Port of Marghera in Venice before being loaded on board a vessel for shipping.

Firstly, we planned to make the transport by road and obviously, the preparations were made well in advance including the road route studies and checking the bridges and tunnels on the route. When everything was almost ready, the road authorities suddenly decided that a certain passage is closed indefinitely which was the only possible route we could take by road. Therefore, we had to completely change our plans and in Italy, there are not only roads and railways – we also have the navigable rivers!

We changed all the road routings and brought the huge piece from Novara to the river port at Cremona but, alas there was a low water problem at the port! So, we had to move the piece again to another river port at Mantova where we transferred it from the truck to a barge which followed the river route bringing the cargo to Marghera to be directly loaded from the barge to the ship using the on-board cranes."

Each problem was carefully reviewed and solved by Fortune and as Paolo concludes... "the exact task of a project forwarder is to solve the problems and Fortune have delivered!"

www.fortuneitaly.it



AAI + PEERS INC. DELIVER TRANSFORMER IN THE PHILIPPINES

AAI + Peers Inc. in the Philippines have completed delivery of an OOG transformer to Zamboanga. The project will eventually involve the delivery of another 2 of the same transformers.

The ABB 50mva transformer measures 5.8 x 3.9 x 2.9m and weighs 45tns. The scope of work undertaken by AAI included:

- Direct receiving of transformer at Davao Port via tri-axle low-bed trailer
- Brokerage & customs clearance at Davao Port
- Transport from Davao Port to the NGCP Zamboanga substation
- Unloading & spotting at the site via manual jacking & skidding

Jimmy D. Chung II at AAI comments: "The route for the delivery posed a challenge as the substation is located in the far South

of the Philippines and the most direct route passed through an area which is allegedly heavily infested by local rebels causing a big risk in transporting this high value OOG cargo. However, with proper planning and in-depth route surveying, AAI was the only project forwarder that provided a special route for the client that would lead to a risk-free transport. Even though the special route entailed an additional 4 days of transport, the safety and security of the cargo was important."

"Another challenging factor at the site was that the proximity of the transformer foundation was 150m from the possible laydown area and surrounded by high tension wires which eliminated the possibility of unloading and positioning via cranes. Therefore, we found a solution by using a manual jacking and skidding method."

www.aai.com.ph



HEAVY TEAM: A CHILDREN'S BOOK ON OVERSIZED & HEAVY CARGO!

'Heavy Team' is the world's first children's book on the installation and transportation of oversized and heavy cargo! What a unique and socially interesting media project this is!

"The book provides children with an interesting and 'through-play' insight into the industry and work of their parents including types of cargo, the way to move an entire house and much more educational information that will bring the industry to the next generation."

"The book is two-sided and consists of two parts. The first part, Reading, centers around adventures of the book's

characters and the second part, Playing, offers a selection of interesting games whilst telling children about what kinds of different and unique cargo exists. The whole story comes with cartoon pictures and has been published in two languages, English and Russian, with Chinese and Arabic to be issued in 2019."

Visit the online version, of this story, for a short video introducing the book.

"All companies are welcome to cooperate in the creation of new books and also corporate editions. You can participate in making new children's stories where

one of the characters can bear the name of your company. The Heavy Team book provides great marketing opportunities in a new format. Today, it is very important to show that a company is involved in socially important projects targeted at different age groups. That is why a book is a crucial link to communicate information about a company, its products, brands and 'good deeds' to the outer world."

For any matters related to the Heavy Team book please contact Aleksei Chalikov on chalikov@heavy.world

www.heavy.world



FIRST GLOBAL LOGISTICS SHIP CRANE PARTS TO BELGIUM

First Global Logistics are experienced members in Egypt and one of their clients, who is in the business of manufacturing heavy steel structures, produced some OOG and heavy steel crane parts for Sarens Heavy Lifts Belgium. First Global Logistics were tasked with the transport and shipping from the client's warehouse in Egypt to Antwerp Port. The shipment consisted of crane parts for 8 recoiler cranes.

The equipment used for the job included:

- 50tn capacity crane for loading
- Lashing materials
- 3 low-bed trailers & 3 flat-bed trailers
- 3 x 40' flat-rack containers & 3 x 40' open-top containers

The scope of work handled by First Global Logistics included:

- Complete surveying of the cargo to ensure correct weights & measurements and to determine the number & type of containers needed
- Loading cargo on 3 x 40' flat-racks at supplier's site - 24 x strand recoiler baskets & frames (12.00 x 2.90 x 3.05m) at 36,000kgs per flat-rack
- Loading & stuffing of steel structures inside 3 x 40' open-tops at supplier's site
- Lashing & securing
- Inland transport from supplier's site to Alexandria Port
- Port handling & operations
- Documentation & export customs clearance
- Sea freight from Alexandria Port to Antwerp Port

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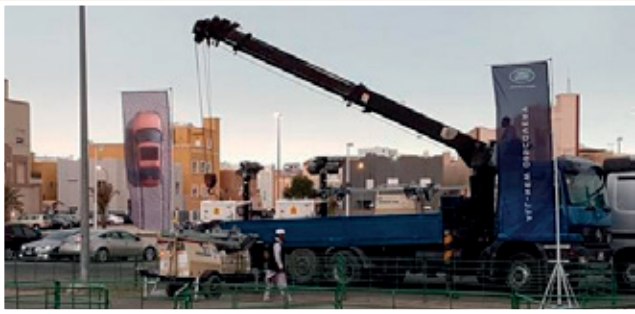
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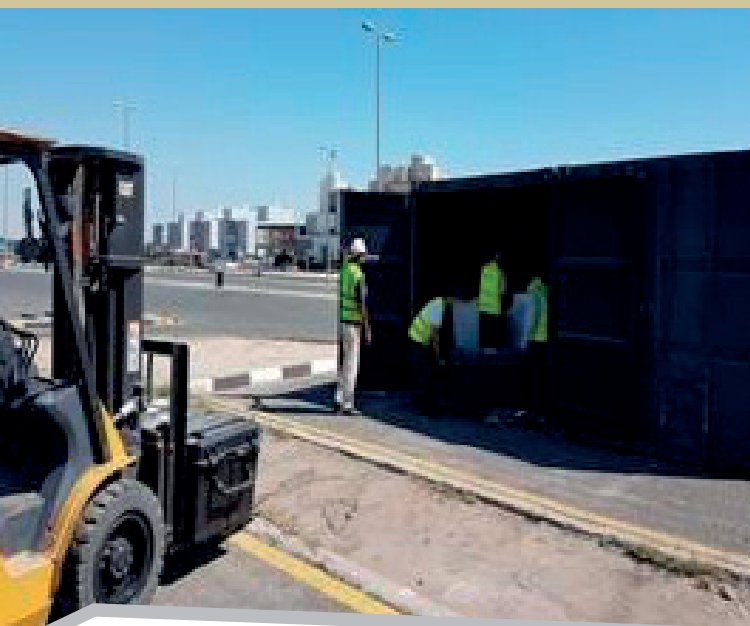


ATLAS ASSIST IN RANGE ROVER DISCOVERY SHOW

Kuwait members, ATLAS (Alghanim Freight) have assisted with a Range Rover Discovery Show. The event was to launch the new model of the Range Rover Discovery in Kuwait.

Their job scope was to move the event equipment by road from Dubai to Kuwait and back to Dubai in addition to providing onsite support of MHE and manpower in Kuwait for unloading, installation and preparation of the show. Check out the photos of the operations.

The site of the event was the parking lot of the 360 Mall, one of the biggest shopping malls in Kuwait, and as it was a 'live site', ATLAS had to take extra special precautions while moving trucks and equipment. Adil Mehmood (Operations In-Charge at ATLAS) concludes: "This event project logistics was a time critical operation to meet the timeline of event without compromising the client's marketing and media arrangements. ATLAS successfully completed the job to start the event on time by providing our best services under the supervision of our specialised team."



ATLAS EXPORT INDUSTRIAL CLEANING EQUIPMENT TO SPAIN

ATLAS (Alghanim Freight) in Kuwait are very competent and experienced in a range of different project cargo and heavy lift services. They were recently assigned the task to collect dismantled industrial cleaning equipment from a project site and move it back to Barcelona in Spain by sea.

The job scope included loading the equipment from the project site in Kuwait, transportation to our warehouse for identification and loading into open-top containers before shipping to Spain. The ATLAS transportation department safely and successfully collected the cargo from the project site in compliance with specific safety requirements.

Operations-In-Charge at ATLAS, Adil Mehmood comments: "This equipment was a temporary import shipment into Kuwait and we had the challenge to export it before the expiry of the temporary bond and with the support of our warehouse team, we were able to achieve this without fail to the complete satisfaction of our client."

www.atlas.com.kw



TROUBLE-FREE TRANSPORT FROM MONNARD IN GERMANY



We are pleased to announce Monnard GmbH are new members in Germany. The company are well-experienced and dedicated to the transportation of heavy and high OOG cargo.

Maik Feldhaus (Branch Manager) states: "For 125 years, Monnard has participated in the increasing complexity of global logistics. We combine the professionalism of a modern logistics company with the virtue and values of a family enterprise. We specialise in project and heavy transportation worldwide. However heavy, big or out of the ordinary – it is no problem for the Monnard team of experts. Many years of experience guarantee trouble-free transport of any kind of heavy transport or project cargo and we take care of the complete process from planning to the final delivery".

Please check out the PDF downloads, that accompany the online version of this story, to view details of some recent projects handled by Monnard including the transportation of a complete flexographic printing plant to the USA (as pictured). Monnard arranged pre-carriage within Germany, storage, export packing, transportation to POL, ocean transport, uncrating and on-carriage within USA.



MONNARD'S PROJECT CARGO SERVICES INCLUDE:

- Planning & Execution
- Multimodal Transport
- Feasibility Studies
- Material Management, Monitoring Deadlines & Status Reports
- Handling Authorization Procedures & Customs Clearance
- Packing Solutions
- Sea Freight via Scheduled & Chartered Services
- RORO
- Special Transport on Road, Rail & Inland Waterways

www.monnard.com



PCN FUNDRAISING FOUNDATION

PCN recognises the importance of actively contributing to charitable causes and that a small effort from each Member can make a big impact to those in need. Obviously, there is no obligation for any Member to take part in the fundraising. We simply want to present the opportunity for those who want to participate.

"Every year our Members raise funds for charity and it is important that we carefully select the recipient each year as we really want our money to make a difference. We are aware that many agencies and projects survive through charitable donations and they can't help others without people helping them." Rachel Humphrey, PCN President/CEO

2018: RAISING FUNDS FOR THE EDPD PROJECT IN COSTA RICA

During the registration for our 2018 Annual Summit, we are raising funds for EDPD – Education about Diabetes by People with Diabetes, founded by Paula Chinchilla.

Paula Chinchilla from Costa Rica has lived with Type 1 Diabetes since the age of 4 and some of her biggest challenges came during her time at school where the lack of understanding of her condition nearly had grave consequences. It is important for teachers, students and even work colleagues to understand and recognize hypoglycaemia and hyperglycaemia. It could save a life.

Today, Paula is a relentless advocate in supporting others living with diabetes and aims to raise awareness all around Costa Rica, furthermore taking studies to become a nutritionist.

With her empowering friends Daniela and Manfred, they have reached many schools and work places to share as much information on diabetes with their initiative 'EDPD' – Education about Diabetes by People with Diabetes.

This initiative was chosen for our 2018 fundraising as it is close to the heart of PCN President/CEO, Rachel Humphrey, who's youngest son, George (now 16) was diagnosed with Type 1 Diabetes in October 2010. Rachel says: "Paula and EDPD are carrying out fantastic work in raising awareness of type 1 diabetes in Costa Rica. As well as helping people to understand the condition, it is also important that they can continue to spread general awareness of the symptoms. Undiagnosed type 1 diabetes can be fatal – around 1 in 4 people that are diagnosed receive their diagnosis after a very dangerous condition called diabetic ketoacidosis has developed, which can become life threatening if it is not treated immediately."

The funds raised will go towards printing education booklets, their Youth Diabetes Camp and contribute towards expanding the project to public and private healthcare centers, together with the Health Ministry of Costa Rica.



PREVIOUS YEARS



2017: RESCUE AT SEA APPEAL

Members at our 2017 Annual Meeting raised \$4595, for the Rescue at Sea Appeal, run by Save the Children, and the donation will help towards working with child refugees around the world, from Lebanon to Jordan, Greece to Finland. Keeping children warm by providing food, water, clothing, blankets, tents & heating.



2016: TANZANIA DIABETES ASSOCIATION

The Tanzania Diabetes Association (TDA) Received \$3225 from PCN Members. The TDA headquarters is based at Muhimbili National Hospital, Dar es Salaam and supports 30 Type 1 Diabetes clinics throughout the country. Statistics show there are 1,700 children and adolescents registered in the Regional & District clinics.



2016: THE DREAM TRUST

PCN President/C.E.O., Rachel Humphrey, together with her two friends, Jane and Tania raised over \$5000 for The Dream Trust by abseiling 100 metres down the Spinnaker Tower in Portsmouth, UK. The Dream Trust provides life-saving insulin to poor children. It costs GB £200 to pay for insulin, that keeps a child alive for 1 year.



2015: MÉDECINS SANS FRONTIÈRES

Members at our 2015 Annual Meeting raised US \$3420 for Médecins Sans Frontières/Doctors Without Borders. MSF exists to save lives by providing medical aid where it is needed most: in armed conflicts, epidemics, famines and natural disasters. These situations call for a rapid response with specialised medical and logistical help.



2014: THE DREAM TRUST (INDIA)

Members at our 2014 Annual Meeting \$14,755 for The Dream Trust in India. The Dream Trust help poor children with Type 1 Diabetes. This charity was chosen as it is close to the heart of PCN Chairwoman, Rachel Humphrey, who's youngest son, George was diagnosed with Type 1 Diabetes at 9 years old, in October 2010.

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OLA Groups Logistics have recently arranged the breakbulk shipping of a crawler crane to Jakarta in Indonesia. The crawler crane (ZCC5000) had a total gross weight of 1,100mtn and was dismantled into 33 pieces. The main body of the machine weighed 49tn and measured 15.50 x 3.35 x 3.44m with each crawler weighing 35.1tn and measuring 11.20 x 1.52 x 1.67m. It was shipped from Shanghai Port and before and during the loading operation, the OLA Groups team boarded the vessel to carry out the loading, lashing and securing surveys. Once the cargo was smoothly and safely loaded and stowed, the vessel departed on its journey. Lane Zhu at OLA Groups Logistics comments: "With a maximum lifting capacity of 500tns, this has been the largest crawler crane ever exported to Jakarta from China and the second largest crane ever exported from the country to Southeast Asia."



OLA WITH ANOTHER BREAKBULK SHIPMENT OF CRAWLER CRANE



OLA GROUPS ARRANGE SHIPPING OF 36 CONCRETE MIXER TRUCKS

OLA Groups Logistics have arranged the shipping of 36 x 40' flatracks each holding a concrete mixer truck. The shipment had a gross weight of 504tns and total volume of 4,061cbm.

Each of the 36 trucks weighed 14tns and measured 10.50 x 2.70 x 3.98m. Lane Zhu at OLA comments: "The trucks were moved from Shenzhen Port to Karachi in Pakistan and the big problem for the shipment was a space problem. However, due to our good relationship with the carrier, they managed to support their space to us. Also, since an L/C was involved, the time given to load the containers was very limited, but our warehouse team overcame hot weather and heavy rain on the day and were able to safely load all the containers on time with professional lashing". Pictures of the loaded flatracks can be viewed above.

www.olagroups.com

PROJECT SHIPPING NEWS...



PROJECT SHIPPING DELIVER LONG CONVEYOR SEGMENTS IN AUSTRALIA

Project Shipping in Australia are expert specialists in the industry and have been in business since 1984. They have recently delivered long conveyor segments.

Four shipments from Shanghai in China arrived in Fremantle in Western Australia totalling 7,000cbm including 16 long conveyor segments. These pieces had lengths of up to 42.4m and were discharged from the deck directly to trucks.

Project Shipping handled the complete turn-key operations including extensive logistics and trucking to the site, a couple of hours South of Fremantle.

PROJECT SHIPPING DELIVERS 13 CRAWLERS IN AUSTRALIA



Project Shipping are members in Australia and have recently handled 13 x 50tn crawlers from Hamburg in Germany to Fremantle, Western Australia.

The 13 crawlers were shipped in 3 lots and photos of the cargo can be seen here. Project Shipping successfully dealt with the extensive logistics involved for the delivery to site (South of Fremantle) due to the width of the cargo between 6.5 - 8m.

www.projectshipping.com.au

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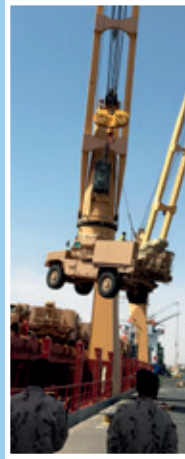
EUROPE CARGO SHIP 1,100TN OF STEEL PLATES TO HAMAD PORT

Europe Cargo (members in Belgium) have loaded 1,100tns of steel plates at Antwerp Port destined for Hamad Port in Qatar.

General Manager of the Forwarding Department at Europe Cargo, Sven Gillemot explains: "The request from the shipper was to ship the steel plates in one lot and as per the L/C, we had to leave Antwerp at the latest on 15/07 and arrive at Hamad Port by 15/08. Because there are no regular conventional sailings from Antwerp to Hamad and chartering was too expensive, we found a solution with a RORO carrier with a direct service on MV. Morning Chant."

The cargo was delivered by the shipper on 42 trucks at Antwerp Port and Europe Cargo also arranged the discharging of the cargo from the trucks onto 13 x 40' MAFI trailers. The vessel sailed on 13/07 from Antwerp and will arrive at Hamad Port on 05/08 well within the required timeframe. The cargo is photographed above lashed to the MAFI trailers.

www.europecargo.be



GWL HANDLE EIGHTEEN MILITARY VEHICLES FROM THE UAE TO JORDAN

Members in Jordan, Golden Ways for Logistics (GWL) are proud to have handled the loading, traffic and unloading of 18 military vehicles for the UAE Armed Forces as pictured.

Each of the 18 vehicles measured 7.93 x 3.0 x 3.5m and the shipment had a volume of 1,500cbm. The vehicles were loaded in Abu Dhabi on board NV. Jork Charter and shipped to Aqaba Port in Jordan before final delivery to the UAE Embassy.

The entire shipment was successfully coordinated by GWL and the safe delivery was to the customer's satisfaction.

www.gwl.com.jo



RYANO COMPLETE DEMOBILISATION OF POWER PLANTS

In 2013, Ryano Projects (members in the Netherlands) transported and delivered the equipment for two temporary power plants in remote locations in Peru. A total fleet of 21 containers were delivered containing generators, transformers and fuel tanks.

At the start of 2018, after almost 5 years of running, Ryano were tasked with demobilising the power plants and shipping them back to the Netherlands. Arjen van der Weijden at Ryano explains: "With the remote locations, standard technology was not the solution and nature also complicated the operation with constant heavy rain making the locations barely accessible for heavy equipment."

"One of the remote locations in particular was completely inaccessible for heavy

lift equipment and with the generators and transformers weighing approximately 20,000kgs each, we had to find a customised method to lift them. So, we decided to go for an old-fashioned one, by manually jacking and skidding the containers, we were able to lift the containers and drive the trailers underneath."

"After successfully loading the containers on trucks, the next task was to transport them from the sites to our storage facility in Callao. The first part of the road consisted of narrow and unpaved mountain roads and due to the rainy season, they were barely drivable. There had been mudslides and the soil was very slippery which made it difficult to transport these heavy units and it took 4-5 days to get to Callao."

"Once we arrived at the storage facility, we arranged an inspection for all the containers (19 x 20' containers and 2 x 10' containers on a 40' FR) in order to obtain a valid CSC Certificate for each one because all the previous certificates had expired due to the fact they had been on site for almost 5 years. Once completed, we moved the containers to the export terminal, arranged export clearance and shipped them to Rotterdam in the Netherlands in one lot."

Upon arrival in Rotterdam, Ryano custom cleared 8 of the 21 containers and transported them to their client in Belgium. The remaining 13 containers were transported to Ryano's bonded warehouse where they are currently being stored.

www.ryanologistics.com



MAMQ HANDLES TRANSPORTATION OF THREE GENSETS IN PAKISTAN

Pakistan members, MAMQ are proud to have recently handled the transportation of 3 CAT HFO GenSets each weighing 100tns.

The GenSets were transported 1,750km from Karachi for the Suki Kinari Hydropower Project in Kaghan in the Khyber Pakhtunkhwa Province of Pakistan. For the journey, MAMQ had to arrange the reinforcement of bridges and roads as well as other route clearances. The team for the move comprised of 30 technical staff with all the necessary equipment and tools. During the transportation, MAMQ also managed all the transportation compliances in

accordance with Pakistan Motorways & National Highway Authorities as well as the highest safety measures.

Project Manager at MAMQ, Wasim Abbasi: "The journey crossed through the Northern area of rigid terrain at an altitude of 12,000ft above sea level in the Kaghan Valley. The 3 GenSets were transported on a Goldhofer THPSL Modular Trailer with each one on 8-axle lines with a 'push & pull' configuration due to the higher gradient and many steep turns on the high-altitude terrain."

Check out these photos of the impressive transportation.

www.mamq.com.pk



PROCAM SUCCESSFULLY COMPLETES A CHALLENGING INSTALLATION

Procam Logistics are members in India and have recently installed a 45tn press machine in Rajasthan. The machine had dimensions of 4.9 x 3.9 x 3.6m and was transported on a special trailer before aligning and levelling at the site.

Rashi Gupta at Procam comments: "Major challenges faced included skidding and changing the orientation of the machine in a confined space and execution of the operation within the running plant to maintain continuous production."

Procam efficiently completed the challenging job in one day whilst constantly maintaining a high level of EHS practices. The client's requirements were successfully met to their complete satisfaction.

www.procamlogistics.com



EXHIBITION COLLABORATIONS SECURED EVERY MONTH

PCN proudly collaborate with many of the world's leading exhibitions including events in the oil and gas, construction, power and energy sectors. You can view all our current collaborations on our Endorsed Exhibitions page.



RETEMS LOGISTICS ENGINEER COMPLETE COMPLEX LOGISTICS PROGRAMS

We are pleased to report new representation in Azerbaijan with RETEMS Logistics LLC. Located in the country's capital, Baku, the company are specialised in complete multimodal project cargo transport and logistics by all modes: sea, deep sea, river, road, railway and air. General Director at RETEMS, Orkhan Musayev states: "We are keen to work with PCN members and develop mutually advantageous partnerships".

Orkhan continues: "RETEMS Logistics is one of the most dynamically developing companies in Azerbaijan, established in 2013. We design and engineer complete complex logistics programs for the transport of heavy and OOG cargo including intermodal transfers, the design and construction of requisite special handling equipment, obtaining all necessary permissions and full costing. Our dedicated project team consists of professionals with a wide range of expertise backed by our own engineering department who perform specialised route surveys, conduct structural engineering infrastructure calculations and arrange cargo handling guidelines. We also have a variety of heavy-duty transport equipment and trailers operated by expert teams."

Visit the online version of this story, to download a company presentation from RETEMS, with details of some of their recent projects including the photographed 'bullets' transported from Russia to Azerbaijan by rail and then transferred onto trucks to be delivered to the final site for unloading.

www.retemslogistics.com





CTO SUCCESSFULLY HANDLES TRANSFER OF 313TN MHC

Members in Brazil, CTO are pleased to share the successful transfer of a mobile harbour crane (MHC) with a weight of 313tns.

The crane was moved from the pier of the Port of Vila do Conde in the North of Brazil to a river barge. The operation was performed using two cranes from a breakbulk vessel working in combination to lift the MHC, load it on board, rotate the vessel and unload the equipment on to the barge.

Photos of the project can be viewed above.
www.ctonet.com



SAB LOGISTICA DELIVERS OIL & GAS CARGO TO VACA MUERTA

Recently, SAB Logística in Argentina have delivered 1,318tns (3,950cbm) of gas processing plant equipment from the shipper's door to careful unloading with cranes on the job site in Vaca Muerta for Exxon Mobile.

Javier D. Alvarez of the Projects and Chartering Department comments: "Over the years, SAB Logística has delivered a lot of cargo in Vaca Muerta, working for many companies like YPF, Pampa Energia and Exxon Mobile among others. Vaca Muerta is the biggest and most important oil and gas reserve in Argentina and our company is one of the leaders in shipments to the area which is 1,290km away from Buenos Aires Port. We have a branch office there and have all the necessary facilities to attend any shipment."

www.sab.com.ar



NOBLE SHIPPING WITH PRESS MACHINE FROM INDONESIA TO PAKISTAN

Noble Shipping Services in Pakistan have recently handled the shipping of a press machine from Indonesia.

The 1,500tn press machine was dismantled into 82 pieces and was loaded onto M.V. Hosei 28 at the Port of Tanjung Priok in Indonesia and shipped

to the West Wharf at Karachi Port in Pakistan before delivery to the consignee, Atlas Honda Cars Pvt Ltd in Lahore.

The discharging operations using a floating crane are photographed.

www.nobleship.com

WAIVER LOGISTICS CHILE ARE DELIVERING... NO MATTER WHAT, OR WHERE

Waiver Logistics Chile are located in the capital, Santiago, and they are capable of handling any type of cargo, anywhere in the country.

Project Cargo Manager, Juan M. Estay states: "From large in-transit equipment arriving in Arica and intended for Bolivia (meaning desert terrains), to as far south as Chile Chico and the Antarctic, we have successfully completed several significant challenges. These projects constantly remind us of the importance of solid pre-planning and adjusting our

solutions to the ever-changing weather conditions. We are proud to offer solid local experience along with our personal involvement in every step of the way."

"In addition, as part of Waiver South America, we are also able to offer our combined expertise in major sporting events such as F1 racing as well as handling large temporary exhibits throughout Chile."

Waiver Chile are also proud to announce the arrival of Alicia Mayer as their new General Manager. Alicia brings over

20 years of experience in large exhibits and fairs including the FIDAE Air Show. You can contact Alicia on alicia.mayer@waiverlog.com.

"Waiver Logistics Chile – We deliver... No matter what, or where!"

www.waiverlog.com





ALTUS PERFORMS FOR GREEN TECHNOLOGY COMPANY

Altus Norway were selected by a new emerging green technology company who are setting up a new plant in Denmark. The company has developed a way to efficiently make plastic waste into diesel, basically reversing the manufacturing process. Through recommendations, they contracted Altus to manage their movement of oversized equipment from China and other locations. The first move was performed with just a few weeks preparation and planning as Commercial Manager, Reidar Evensen explains: "Altus worked closely with CMA-CGM's project team to find the best solution as an alternative to breakbulk options with higher risks and transit times. Four large reactors were put on a bed of 15 flat-racks (as pictured) with all other equipment on the same vessel efficiently stowed on 12 other flat-racks, open top containers and high cubes. Altus has already prepared a solution for temporary storage in European ports and specialised trucking and we will also be supporting the installation of the equipment at the site in November. We would like to thank CMA-CGM's project team and our colleagues in China for the strong support to make this challenge not only possible, but well performed and within the short time frame given."

A great job handled efficiently and reliably by Altus Norway!
www.altuslogistics.com



MEGALIFT HANDLES TRANSPORT OF 4 OIL & GAS LOADING ARMS

Megalift (members in Malaysia) have transported innumerable oil and gas cargo to the Pengerang Integrated Petroleum Complex (PIPC) and the latest movement involved four units of loading arms.

- Cargo: 4 Loading Arms
- Dimensions: 22.00 x 3.20 x 3.40m each
- Weight: 30tn each

A loading arm is used to transfer liquid or gas from one tank to another through an articulated pipe system comprising of rigid piping and swivel joints to obtain flexibility.

Photos of the unloading and transport can be viewed above.

www.megalift.com.my



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PROJECT FORWARDING SPECIALISTS IN COSTA RICA: SPC LOGISTICS



We are pleased to approve SPC Logistics SA as new members in Costa Rica. Mr. Christian Ruiz Sarria (CEO) says they are looking forward to building up long-term relationships with the project experts in PCN. Our 2018 Annual Summit will take place in Costa Rica on 18-20 November – a great opportunity to meet with all PCN members in a wonderful country!

Christian continues: “SPC is specialized in project freight forwarding as well as a ship agency and cargo broker. We are a young company built by a team with a wide experience. Our offices are in San Jose, Limon and Caldera from where we can look after any requirements in Costa Rica. We offer comprehensive services in handling over dimensional, heavy and dangerous cargo, from the budget stage to final delivery and reviewing risks of the operation to make the best project logistics decisions with lower costs and on schedule. We are also the ship agents

for M/S Wallenius Wilhelmsen and M/S Eukor.”

The project services of SPC include:

- Project cargo transportation
- Commercial support for our agents & customers
- Statistics, information & knowledge of the market
- Surveys, budgets & packaging
- Reviewing all the risks of the operation, affecting budgets, costs & times
- Chartering of vessels, airplanes & barges

- Port handling
- Coordination of customs agency services, temporary imports & assistance in tax exemptions
- Coordination of specialised inland transportation & shore cranes

SPC have recently shipped 14 elevator machines (pictured above) from Veracruz in Mexico to San Jose in Costa Rica. They coordinated the entire project including the inland transport in Mexico to the port, RoRo seafreight, port operations in Limon and the inland transport in Costa Rica to San Jose.



AL NAHRAIN COMPLETE IMPORTANT PROJECT IN JORDAN

Al Nahrain are trusted members in Jordan and Iraq and they are pleased to announce the completion of an important project. Once again, Al Nahrain managed to secure the complete operations for a vital project in Jordan, considered as a valued achievement of the company.

The contract was signed with an Italian company, Minerali Industriali Tunisia, through their representative who arrived in Jordan for this purpose. The major scope of work in this project is moving a complete silica sand factory with all related parts and accessories from the site in Al Humaima in Jordan to Tunisia including all stages to complete to job. The job site of the factory at Al Humaima Town is 85km away from Aqaba Port and full details of the project are provided by Al Nahrain below:

1ST STAGE

- Conducting a job site survey for a proper assessment of the requirements to accomplish the dismantling of the units.
- Preparing a detailed action plan in accordance with the significant requirements of each stage to control the whole process & execute the job efficiently.
- Arranging the needed manpower including supervisors, technicians and labour equipped with the needed tools, machinery & apparatuses such as cranes, welding & cutting machines for dismantling the units perfectly and within the scheduled time frame.
- Sorting & classifying the dismantled parts for appropriate & easy loading.
- Listing all items in a final illustrated packing list for easy reference.

2ND STAGE

- Buying 50 empty 40' HC containers to be used for loading the in-gauge parts.
- Fixing the lifting points on the oversize units to ensure safe loading & unloading operations.

- Arranging all needed apparatuses such as dunnage, lashing belts, slings, binding chains and tools.
- Arranging 3 cranes with suitable capacities to load the oversize & heavy units in addition to the containers.

3RD STAGE

- Preparing the needed approvals from all related parties, including the Traffic Department, Ministry of Communications, electricity companies & the Ministry of Public Works & Housing, to facilitate & lubricate the movement of the oversized & overweight units from the job site to Aqaba Port.
- Conducting a physical road survey from the job site to the port considering all obstacles on route & preparing a specific plan to solve each case separately in regard to the circumstances and environments.
- Marking the specific locations to action the removal of retardants, lifting & disconnecting H.P. electrical wires, dismantling and re-fixing platforms & signboards and removing & returning cement block barriers.

REQUIRED VEHICLES & CRANES

Based on our studies to remove and transport the complete factory parts, the needed equipment and trucks for the whole process required the following:

- 50 x flatbed trailers to load the containers for in-gauge parts
- 6 x flatbed trailers for small OOG pieces
- 6 x low-bed trailers for oversized & overweight units
- 3 x selected cranes with suitable capacities
- 2 x forklifts

TRANSPORTATION

To achieve this project in the best order, we carefully complied our action plan and adhered to the instructions of all related parties whilst following safety steps and rules.

- In order to match the timeline of our action plan & avoid unnecessary delays, we maintained constant coordination with all related parties.
- All needed vehicles, trucks, flatbeds & low-bed trailers as well as cranes & forklifts were available and ready at the site 48 hours before loading began.
- The first movement for the project was 50 trucks loaded with containers and 6 flatbeds. For safety & security purposes we rearranged the 56 trucks in 4 convoys each with 14 trucks, departing the site and heading to the port guarded by low-profile escorts.
- For the remaining 6 x low-bed trailers, we applied special precaution arrangements with complete coordination & collaboration with all related parties. We managed to pass all retardants & removed all obstacles successfully with damage-free results.
- All our efforts were focussed on the secure and safe delivery to the vessel that was waiting alongside at Aqaba Port which was successfully completed.
- All truck movements were prepared & arranged in accordance with the M/V stowage plan.

CONCLUSION

- The whole process was completed perfectly, within a remarkable time of this kind of project.
- Everything went smoothly with regards to the schedule and the timeframe of the action plan.
- This project is considered as a distinguished one, where the general atmosphere during all the operations was surrounded by a cooperative and collaborative spirit, conducted by a professional working team ended with outstanding results to the best satisfaction and admiration of our client.

www.nahrainco.com.jo



AL NAHRAIN COMPLETES LONG-TERM POWER CABLE DELIVERIES

Members in Iraq and Jordan, Al Nahrain have recently completed a long-term contract delivering power cables for the Ministry of Electricity in Baghdad.

Since the first shipment in November 2017 up to the final recent delivery, Al Nahrain has efficiently run the operation processes and delivery of reels of high voltage power cables working as a sub-contractor for the business. The reels were picked up from Safwan on the Iraqi Border with Kuwait and delivered to the Ministry of Electricity warehouse in Baghdad.

Al Nahrain's scope of work started by receiving the shipments at the exchanging area in Safwan and then trans-loading the cargo from Kuwaiti to Iraqi trucks. Ragheb Banat at Al Nahrain explains: "As all the reels had the same oversized measurements, each weighing 14tns with a 3.5m diameter, we applied the same arrangements of vehicles, gears and equipment for each shipment ensuring safe and secured operations. Therefore, we always had prepared cranes ready with suitable capacities as well as the required slings with spreaders to avoid friction damage during the process, proper chains binders and safe lashing materials."

Since the start of 2018, Al Nahrain have safely and successfully delivered the following shipments for the project:

- January: 80 reels loaded on 40 low-beds
- February: 54 reels loaded on 27 low-beds
- March: 46 reels loaded on 23 low-beds
- June: 68 reels loaded on 34 low-beds
- July: 58 reels loaded on 29 low-beds

Ragheb continues: "As usual, we directed our paramount importance to cargo handling and lashing as our main concern was to ensure damage-free results. During transport, the trucks moved in convoys escorted by our fully-equipped front and rear patrols for safety and security purposes."

All operations were delivered with full care to the complete satisfaction of their client. A consistently excellent performance from Al Nahrain from start to finish!



AL NAHRAIN DELIVER OOG MACHINERY IN IRAQ

Al Nahrain have handled an over-dimensional wooden box of machinery loaded on a 40' flatrack container for the Iraq Ministry of Electricity. The cargo was transported from UMQ Port to the Ministry of Electricity (MOE) site in Baghdad. The machinery had a total net weight of 14,170kg and the shipment had a gross weight of 16,918kg.

"The shipment arrived at UMQ Port and we started the job by handling the shipment and storing it at the yard till the exemption letter and original documents were ready. Once sorted, we started customs formalities and managed to complete the whole process with all related departments quickly. Having arranged a suitable low-bed trailer and crane to load the OOG unit, we also applied all necessary lashing and binding tools to secure a safe transportation and delivery. The low-bed loaded with the OOG unit then departed UMQ Port heading towards the final destination of the MOE warehouse in Baghdad."

The cargo arrived in Baghdad safe and sound and the whole operation was completed with full care to the satisfaction of Al Nahrain's client.

Al Nahrain are trusted PCN members in Iraq and Jordan.

www.nahrainco.com.jo





AL NAHRAIN WITH LONG-TERM DELIVERIES FOR OEC IN IRAQ

Al Nahrain (members in Iraq and Jordan) are pleased to share one of their long-term and continuous projects for the Ministry of Oil and Oil Exploration Company (OEC). They have been sub-contracted and working for the project since April 2014, delivering several types of heavy vehicles.

Recent shipments have including a new batch of buggies and heavy-duty drilling rig carriers (4x4 and 6x6) plus spare parts inside crates which Al Nahrain have handled, cleared and delivered in their professional way as usual. The cargo was collected at Umm Qasr Port and delivered to the OEC warehouse in Baghdad, Iraq. The 2018 shipments were cleared and delivered as follows:

- January: 8 drilling rig carriers on 8 low-beds plus 9 crates of buggy loose parts on 1 flat-bed.
- February: 2 x 40'HQ of spare parts.
- April: 10 drilling rig carriers on 10 normal low-beds, 1 drilling rig carrier on a special low-bed plus 11 crates of buggy loose parts on 1 flat-bed.
- July: 10 drilling rig carriers on 10 normal low-beds, 1 drilling rig carrier on a special low-bed plus 11 crates of buggy loose parts on 1 flat-bed.

Director of Operations & Logistics Services, Ragheb S. Banat: "Right from the beginning of this long-term project in April 2014, Al Nahrain have run the operation processes and cargo delivery as a sub-contractor with full efficiency and a high professionalism. Our scope of work starts by receiving the OEC shipments at Umm Qaser Port and proceeding with customs formalities, liaising and coordinating with the relevant departments and ministerial representatives.

As usual, we are always ready with all the required trucks, tools and equipment in accordance with the unit's dimensions and weights to ensure a safe and secured operation from A to Z. In order to deliver these shipments with full care and intact, we directed paramount importance to cargo handling, loading and lashing with our main concern to maintain damage free results. All trucks were transported from Umm Qaser to the OEC warehouse in Baghdad with our equipped front and rear escort convoys for safety and security purposes."

All operations were expertly and successfully handled by Al Nahrain with safe and sound deliveries to the satisfaction of their client.

www.nahrainco.com.jo

"Personally, I always refer to customer ratings before purchasing products online. This applies to service providers too. A recent survey showed that 91% of businesses are influenced by recommendations when making a decision to use a company so we've made it super quick and easy to share feedback on our advertisers."

Rachel Humphrey, Founder

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Freightbook is enjoying an exciting relaunch with a fabulous new feature inspired by the fact that ratings are now an essential element to any online directory.

The online directory boasts additional benefits including the monthly FB Index, dedicated online news service, direct quote request leads and automatic amendments to profile pages.

Freightbook also recently launched v3.0 of their Smartphone Service at m.freightbook.net where forwarders and suppliers to the freight industry can be found quickly on mobile devices.

PCN Members are eligible for free registration. Contact wendy@freightbook.net for details.

www.freightbook.net

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FULL WELL HANDLE DELIVERY OF REPAIRED HELICOPTER IN CAMBODIA



FWF Full Well and Nisshin Logistics are members in Cambodia and have recently handled the delivery of a helicopter in Phnom Penh as pictured.



The personnel carrier heavy helicopter arrived in Cambodia at the Port of Sihanoukville after being sent for repair work in Russia. FWF Full Well and Nisshin Logistics processed the re-import clearances for the Royal Armed Forces of Cambodia and delivered the cargo to their Phnom Penh Headquarters from the port.



As it is the rainy season in Cambodia, the road from Sihanoukville to Phnom Penh was a challenge due to flooding in some parts. However, with the help of some of the Armed Forces troops, the bulk shipment was delivered in Phnom Penh without any delay.

www.fullwell.biz



FREJA AND CF&S JOIN FORCES FOR PROJECT CARGO TRANSPORT

FREJA Transport & Logistics have joined forces with CF&S to execute the transport of OOG project cargo from Estonia to Sweden.

The dimensions of the largest units photographed are 6.45 x 4.61 x 4.60m and 5.65 x 4.21 x 4.59m. The whole transport was successful without any issues and the cargo was safely delivered on time and in perfect condition.

Project Director at FREJA, Tom Lunabba concludes: "A great example of two PCN members coming together to jointly perform a challenging task!"

www.freja.com, www.cfs.net

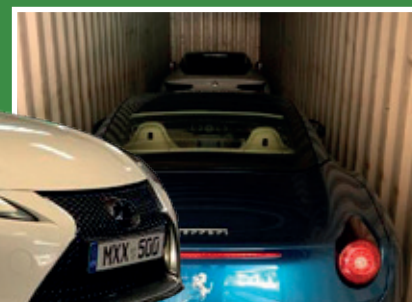
ZERO TIME SERVICES TRANSPORT SUPERCARS FOR GUMBALL RALLY

Zero Time Services (members in Cyprus) have recently handled the transport of 2 valuable cars to take part in the Gumball 3000 Rally.

A Lexus LC500H and a Ferrari California were exported from Limassol in Cyprus to Felixstowe in the UK to be prepared for the rally which will depart from London and finishes in Tokyo passing through many cities including Chantilly in France, Milan and Bologna in Italy and Osaka, Kyoto, Nanao and Tokyo in Japan.

A third car, a Rolls Royce Phantom, will also be transported by Zero Time Services to take place to the rally and then all three supercars will be moved back to Limassol once complete.

www.zerotime.com.cy



COSTA RICA

8TH ANNUAL SUMMIT

18-20 NOVEMBER 2018



We have selected Costa Rica, at the heart of the Americas for our **8th Annual Summit**. Bordering Nicaragua and Panama by land and Colombia and Ecuador by sea, Costa Rica has an open economy focused on industrial production, tourism and agriculture and is currently investing over £650 million for major improvements to seaports, airports and highways.

Our event will take place from **18-20 November 2018** at the InterContinental Real **San José**, located just 20 minutes from Juan Santamaría International Airport (SJO).

Our venue is in the heart of Escazu, San Jose's exclusive neighbourhood and within the Multiplaza Mall complex, just a few steps away from the finest restaurants, bars and upscale shops.

We recommend that our guests attach sales calls either side of the meeting to gain maximum benefits of the trip to the Americas and further details of an optional visit to the Panama Canal will be announced in due course.

Please see our website for full details.

SUN 18 NOV 2018

10:00 - 13:00
San José City Tour
19:00 - 22:00
Gala Dinner

MON 19 NOV 2018

09:30 - 17:30
Official Meeting
19:00 - 22:00
Dinner at Tiquicia

TUE 20 NOV 2018

09:30 - 17:30
Official Meeting



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www.cargoconnections.net



15 years after starting her first company (Universal Freight Organisation) and to complete her trio of networks, Rachel Humphrey launched **Cargo Connections**, a general cargo network offering a Restricted Representation policy.

The organisation now contains over 100 Members and our 3rd Annual Assembly takes place in March 2018 in Prague.




KHIMJI RAMDAS DELIVER HEAT RECOVERY STEAM GENERATORS IN OMAN

Khimji Ramdas Projects & Logistics Group have recently delivered heat recovery steam generators (HRSGs) in Sohar, Oman. The cargo consisted of 8 oversized pieces with a total volume of 3,000cbm.

Each of the 8 pieces weighed 815tns and had dimensions of 26.3 x 5.4 x 3.6m. The scope of work performed by Khimji Ramdas included:

- Route survey
- Receiving all pieces under hook
- Jacking down at the port storage yard onto customised stools to a redesigned arrangement
- Completion of customs clearance
- Arranging police permissions and escorts to move the over-dimensional cargo
- Civil work required on route for facilitating the delivery
- Deployed 18-axle SPMTs for the transport
- Delivery to Sohar Industrial Estate (50km from the port) of one piece per day with operations after midnight as per police permissions

Arijit Das (Unit Manager at Khimji Ramdas) comments: "All 8 pieces were delivered within the timeframe and the required civil works were managed at the bare minimum for manoeuvring the SPMTs within the delivery area thereby minimising the costs and providing the most efficient solution to our valued client."

Khimji Ramdas re-emphasises their policy of trust, commitment and care and would like to thank all stakeholders in the project. They have been valued PCN members in Oman since 2015.

www.khimji.com/projects-Logistics/en_index.php





COSTA RICA: AN APT & INSPIRING COUNTRY TO HOST OUR MEETING

As you can see from our colourful advert on page 18 of HLPFI we have selected Costa Rica at the heart of the Americas for our 8th Annual Summit.

Our event will take place from 18-20 November 2018 at the InterContinental Real San José conveniently just 20 minutes from Juan Santamaría International Airport (Code: SJO).

Recently, Costa Rica's new president Carlos Alvarado announced a ban on fossil fuels, establishing the small country

as a major trailblazer in the global fight against climate change. More than 2,000 people crowded the Plaza de la Democracia in the capital San Jose to witness the historic announcement.

"We have the titanic and beautiful task of abolishing the use of fossil fuels in our economy to make way for the use of clean and renewable energies." he said.

The country currently gets more than 99% of its electricity from renewable energy and went 300 days last year without

using fossil fuels for electricity.

As so many of our Members are working in the renewable energy field, and the PCN Head Office holds an ISO 14001 Environmental Management certificate – this is an apt and inspiring country to host our meeting.

Yes, it's work first but we are sure everyone is looking forward to exploring this wonderful country after our event.

Please visit our web site to book your place.



FLS-KAA HANDLE OIL & GAS CARGO FROM THE UAE TO IRAQ

FLS-KAA recently won a contract to move about 11,000frtn of oil and gas equipment and pipes from the UAE to Iraq.

The first batch of pipe laying machines, each of them weighing 45tns, have been loaded and shipped on a Ro-Ro vessel from Jebel Ali to Umm Qasr Port where they were custom cleared and delivered to the project site which is 450km away.

FLS-KAA are reliable PCN members in Iraq.

www.fleetlineshipping.com

M-STAR ANNOUNCE ACTIVITIES IN THE CENTRAL ASIA REGION

Members in Georgia and the Netherlands, M-Star are pleased to announce their project activities in the Central Asian Region via Poti.

Peter Terhorst (General Manager of Export and Projects at M-Star) explains:

"Nowadays, we have noted that transshipment in Poti to the Caspian Sea area is becoming more competitive and with our office in the city, we have succeeded in getting more and more cargo via the route. We are currently running projects to Uzbekistan and more examples will be coming soon.



Using the Port of Poti, as the major transshipment point in the area, M-Star is organising door delivery by truck and rail to Uzbekistan, Kazakhstan and Turkmenistan. Cargo has included construction parts, trucks & chassis, cargo loaders, ambulances, road-building equipment, generators, pipes and equipment for the oil & gas and chemical industries etc."

"From various origins in Europe, USA and the Far & Middle East, the Port of Poti is becoming an excellent alternative to deliver cargo, all whole year around, to the regions of the Caspian Sea Area. M-Star offer a full scope of services for these projects."

Please visit the online story to download a presentation detailing M-Star's services and activities for the region including examples of recent shipments.

www.mstarfreight.com



SPECIALISTS IN LARGE PROJECT LOGISTICS: SCACLI IN CANADA

SCACLI (Sea Cargo Air Cargo Logistics Inc.) are new members in Canada! Specialists in handling large project logistics and with recommendations from current PCN members, the company was established in 2005 and their headquarters are in Toronto with additional offices in Quebec and Vancouver. President, Laurent Montignon states... "we have heard good things about PCN are we are keen to become an active member in the network."

Laurent continues: "We offer technical expertise and maximum flexibility amongst a small number of Canadian international freight forwarders able to provide specialized shipping services to expedite movements of project cargo. With our knowledge and experience from previous successful over-dimensional and heavy lift cargo projects, we can quickly identify, manage and execute optimal solutions, finding the most efficient routes and services."

"SCACLI ensures that oversized and 'difficult to handle' cargo movements receive the specialized care and attention that they require. We recognize that preparation, careful planning and effective co-ordination are critical to the success of unusual transport projects and our staff work closely with all parties from origin to destination and all points in between to provide a fully customized end-to-end solution. Safety always comes first and our project management team conducts detailed country data, port specifications, route surveys and bridge loading test surveys in order to identify the challenges ahead and manage them in advance."

"Moving difficult cargo is an everyday occurrence at SCACLI. With outstanding service, various transportation options and the ability to handle almost anything that comes our way, we are the international transportation experts to assist you!"

SCACLI are currently handling a large ongoing project to Kuwait for the Lower Fars Heavy Oil Project. Every single component for the project has been shipped to the site (pictured) under the management of SCACLI with various origins including Canada, the USA, South America, China, Korea, the UK, Italy, Belgium, the Netherlands,



Kuwait and the UAE. Laurent explains: "The number of transactions to date totals 176 with a total shipped weight of 2,166,241kg. The Lower Fars Project aims to extract heavy oils from the field located in the Northern Part of Kuwait and the design, manufacturing and engineering are of Canadian origins. This is the first heavy oil project in Kuwait and the biggest upstream project in the Middle East. The total project value reaches \$7bn and is being developed in phases with the first phase expected to start in 2019 with a production rate of 60,000 barrels of oil per day."

www.scacli.ca



OCEANIC LOGISTICS IN CYPRUS SHARE THEIR 2017-18 WORK

Oceanic Logistics were founded in the early 1980's and have their own offices in Limassol, located within a mile radius from Limassol Port. The company are ISO 9001:2008 registered and have a dedicated and experienced team. They are pleased to share these photos of their work handled in 2017-2018. Oceanic Logistics are valued PCN members in Cyprus.



www.oceaniclogistics.com

EXG EXECUTES TRANSPORT OF THREE TRANSFORMERS IN INDIA

Express Global Logistics (EXG) are members in India and a project specialist company, established in 1946 with headquarters in Mumbai. They are an asset-based company with a pan-India presence, backed by their own fleet of Goldhofer hydraulic axles, cranes up to 450tns and warehouses.



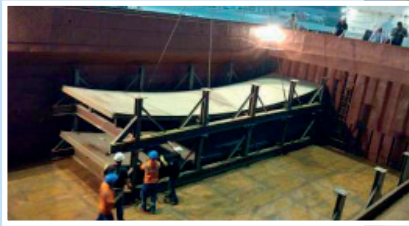
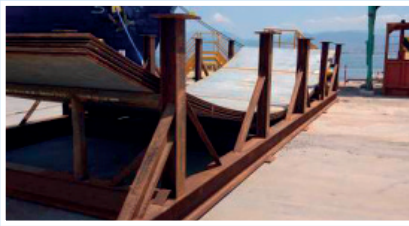
EXG were recently awarded the contract for the national transport in India of 3 transformers, each with dimensions of 7.8 x 4.8 x 5.2m and with a total weight of 669ft, from Rudramam in Hyderabad to Jharsuguda in Odisha.

The height of the units posed a challenging during transportation and many overhead wires had to be negotiated including 132kv and LT wires. State Highways also had to be traversed and EXG had to negotiate with local authorities for the lifting of wires and shutting down power as well as lifting many sign boards on route to allow passage. Throughout the transportation, EXG ensured all safety precautions were fully observed such as tested hand gloves, fibre sticks safety shoes and rubber mats to avoid shocks.



The transportation was seamlessly handled by the EXG team and the cargo was safely and successfully delivered in Jharsuguda in good time.

www.expressworld.com



W.I.S. SHIPPING NICKEL STEEL PLATES FOR TENGIZ OILFIELD

W.I.S. were recently entrusted with a contract for approximately 7,000cbm of nickel steel plates to be used as for giant storage tanks of crude oil at the Tengiz Oilfield in Kazakhstan, one of the largest oilfields in the world.

Matteo Travan of the Sea Freight Department explains: "The plates were manufactured in Saudi Arabia and shipped from Dammam to Derince in Turkey where they are received by W.I.S. and transhipped to river vessel for onward delivery to Aktau, Kazakhstan. The first 3 shipments, consisting of approximately 1,700cbm, have now been handled. The second set of shipments (approximately 3,800cbm) is expected in Derince at the end of August and the final instalment will be shipped just before the closure of the Volgo-Don Canals in November."

"Shipping into the Caspian Region is one of several areas of expertise at W.I.S."



W.I.S. WITH PIPE SHIPMENTS FROM ITALY TO RUSSIA

Italian members, W.I.S. have had a busy 2018 so far with several important projects successfully carried out including 2 chartered vessels of pipes to Russia.

Both chartered vessels were loaded with 3,500mnts of pipes each at the Port of Piombino in Italy and shipped to Rostov, Russia. The first vessel sailed in May and the second in July.

The services rendered by W.I.S. included delivery of the pipes to Piombino Port, port handling, loading, lashing and securing on board.

www.gp-servizi.com

W.I.S. WITH FULL CHARTERED RIVER VESSEL OF PIPES

W.I.S. (members in Italy) have recently handled another shipment of pipes. This time, a full chartered river vessel from Chioggia Port in Venice to Azov, Russia.

The cargo consisted of around 2,500mnts of pipes as photographed. W.I.S. handled the cargo to the discharging port including full chartering of the river vessel.

W.I.S. have been consistent PCN members in Italy since 2010.

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