

PROJECT CARGO NEWS

PCN'S BI-MONTHLY NEWSLETTER

ISSUE 39 • JULY 2018

EXG & THOCOMAR EXECUTE HEAVY LIFT TRANSPORT FROM INDIA TO SENEGAL

SEE PAGE 03 FOR DETAILS

NEW MEMBERS THIS ISSUE

TERA PROJECTS & SHIPPING:
MALAYSIA

LYNX LOGISTICS:
IVORY COAST

ROYAL CARGO:
VIETNAM

CENTRAL OCEANS:
UK



**PROJECT
CARGO
NETWORK**

INSIDE

DC LOGISTICS BRASIL SHIPS MACHINERY TO HAWAII.....	03
EXG & THOCOMAR EXECUTE HEAVY LIFT TRANSPORT FROM INDIA TO SENEGAL.....	03
DELTA MARITIME WITH LAND & PORT LOGISTICS IN THESSALONIKI.....	04
CF&S TRANSPORTS NEW KONECRANES CONTAINER LOADER BY RAIL.....	05
FLS-KAA WITH INNOVATIVE IDEAS FOR HANDLING OOG CARGO.....	05
WIRTZ SHIPPING HANDLE 2 ROTORS FROM BELGIUM TO FRANCE.....	05
CONVOY LOGISTICS PROVIDERS LAUNCH THEIR CORPORATE NEWSLETTER.....	05
NO LOAD IS TOO HEAVY OR LONG FOR ROYAL CARGO VIETNAM.....	06
CLS RETURN 2 CRANES FROM THE DOMINICAN REPUBLIC TO THE USA.....	07
C.H. ROBINSON NEWS.....	08
CTO NEWS.....	09
INSIGHT.....	10
SCANDINAVIAN EXPRESS APPOINTED EXCLUSIVE LOGISTICS SUPPLIER FOR OLYMPIASTADION RENEWAL.....	11
OLA ARRANGE BREAKBULK SHIPPING OF ROTARY DRILLING RIGS.....	12
FCI HANDLE SHIPMENT OF 115TN MAN MOTOR.....	12
MEGALIFT EMBARKS ON NEW PETROCHEMICAL PROJECT IN MALAYSIA.....	12
G.P. COORDINAMENTO SERVIZI (W.I.S.) WITH BIG DELIVERY IN ITALY.....	13
FLEXIBLE & AFFORDABLE INDUSTRY TRAINING.....	14
TURK NEWS.....	15
PCN FUNDRAISING FOUNDATION.....	16
GRUBER NEWS.....	17
LYNX LOGISTICS ARE SPECIALISED IN ABNORMAL CARGO TRANSPORTATION & LIFTING.....	18
STEWART CORPORATION EXECUTES FULL SHIPLOAD FOR UN CONSIGNMENT.....	19
TITAN PROJECT & LOGISTIC ANNOUNCE NEW OFFICE IN MILAN.....	19
EXHIBITION COLLABORATIONS.....	19
UNDER 30S SCHEME.....	20
PROJECT SPECIALISTS, CENTRAL OCEANS ADD UK MEMBERSHIP.....	21
PROCAM NEWS.....	22
A HISTORY OF WELL-EXECUTED PROJECTS FROM TERA PROJECTS & SHIPPING.....	23
ANNUAL SUMMIT 2018 COSTA RICA.....	24
MSL TRANSPORT EXCAVATOR MOUNTED DRILLING RIG FOR CPEC PROJECT.....	25
AL NAHRAIN NEWS.....	26
STAFF EXCHANGE PROGRAM.....	28



FROM THE PRESIDENT/C.E.O.

As you can see from our colourful advert in **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 located just 20 minutes from Juan Santamaría International Airport (Code: SJO). Bordering Nicaragua and Panama by land and Colombia and Ecuador by sea, Costa Rica has an open economy focused on industrial production, services, tourism and agriculture and is currently investing over £650 million for major improvements to seaports, airports and highways.

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 added.

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 I am sure everyone is looking forward to exploring this wonderful country after our event.

RACHEL HUMPHREY
President/C.E.O



WWW.PROJECTCARGONETWORK.COM

PROJECT CARGO NETWORK

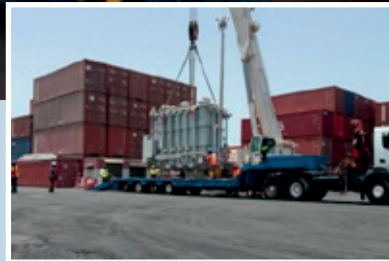
PROJECT CARGO NETWORK is an ISO 9001 (Quality Management) and ISO 14001 (Environmental Management) certified organisation established in August 2010 to provide heavy lift and project cargo specialists access to a trusted, worldwide network of agents who could handle their specialist shipments, whilst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

PUBLISHER: Project Cargo Network
www.projectcargonetwork.com

CONTACT: headoffice@projectcargonetwork.com
Tel: + 44 2392 425204

COVER: EXG & Thocomar Execute Heavy Lift Transport from India to Senegal
See p3 for details.
Photograph supplied by EXG.

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.



DC LOGISTICS BRASIL SHIPS MACHINERY TO HAWAII

DC Logistics Brasil was founded in 1994 with 10 offices across the country. During their 24 years of service, they have handled numerous project cargo and heavy lift shipments. A recent project has involved machinery to Hawaii.

A DC Logistics spokesperson comments: "The destination was a challenge as there was no regular service of this route for cargo of this size and weight. The shipment consisted of 6 loose pieces - the largest of which being a generator measuring 5.40 x 4.25 x 3.75m at 28tns and a rotor measuring 6.05 x 2.20 x 2.00m at 22.7tns. Despite the rotor being 6.05m long, the base is only 2m long meaning it was a heavy concentrated unit."

The cargo was shipped from Paranagua in Brazil to Port Hueneme in California (USA) using a MAFI trailer with the smaller forkliftable pieces handled as loose. It was then transhipped to Hawaii by a local agent.

www.dcllogisticsbrasil.com

EXG & THOCOMAR EXECUTE HEAVY LIFT TRANSPORT FROM INDIA TO SENEGAL

Members in India, Express Global Logistics (EXG) and members in Senegal, Thocomar Shipping Agency have recently handled 8 heavy lift packages of transformers and reactors for a large Indian power & energy company's substation project. The cargo was shipped from Mumbai Port to the site in Ziguinchor in Senegal via Dakar Port.

The business was generated by EXG India and the 8 packages, 4 at 55mtn and 4 at 48mtn, were shipped in 2 lots from Mumbai Port. An EXG Project Specialist explains: "There were many challenges faced during the entire operation. However, everything was anticipated due to our extensive pre-planning including a route and site survey before shipping. A senior EXG manager was also flown from Mumbai to co-ordinate the entire operation from arrival at Dakar Port, ensuring timely documentation, port operations, loading the cargo from Mafi to the low-bed trailers, organising escorts for the cargo and assisting in executing the delivery and offloading on their foundations."

Thocomar Shipping Agency handled the destination part of the services and the final site, which was 900km away from Dakar Port, was a challenging road operation due to the height of the packages and at certain points, overhead cables had to be temporarily removed to allow a smooth passage. All work was done in conjunction with the Senegalese Road Authorities & The State Electricity Department.

Thanks to the expertise and experience of EXG and Thocomar, the cargo was delivered safely, on-time and in perfect condition. EXG conclude: "It required an experienced and precise technique to handle the cargo and similar heavy lift shipments are expected in the future. We are furthermore handling a total of 50 containers (20' and 40') carrying the accessories of these heavy units from Nhava Sheva to Dakar."

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

www.expressworld.com



DELTA MARITIME WITH LAND & PORT LOGISTICS IN THESSALONIKI

Greek members, Delta Maritime have recently undertaken the land and port logistics in Thessaloniki of cargo with a destination of Jebel Ali. The cargo was manufactured by EKME SA in Greece and is to be part of the Jebel Ali Refinery Expansion Project.

The shipment consisted of 4 large pieces and 6 wooden boxes holding accompanying material for the setup of the pieces and the installation at the destination.

- 1 Feed Surge Drum at 21.75 x 5.80 x 5.55m / 109,700kg
- 1 KHT Separator at 1 1.00 x 3.50 x 5.80m / 47,000kg
- 1 DHT Cold Separator at 6.50 x 2.30 x 4.70m / 18,650kg
- 1 KHT Stripper Receiver at 7.60 x 2.40 x 4.35m / 8,600kg

All cargo was loaded on 4 special low-bed trailers and was delivered from the manufacturer's site in Sindos to the Port of Thessaloniki. Customs formalities for

the valuable cargo was completed one day prior to the vessel's arrival to ensure a prompt departure. The trucks loaded with the cargo were alongside during the docking of the vessel and the loading was completed within 4.5 hours. Galanis Asterios of Delta Maritime comments: "Any undertaken task can be successfully completed safely and on time when everybody involved including truckers, the vessel, dockworkers and our own team operates professionally and is committed to following the highest safety standards".

ASSOCIATE SPONSOR: PIXAD
ORGANISED BY: AMITrade

SUPPORTED BY: [Logos of supporting organizations]

'EUROPE AS A PARTNER FOR AFRICAN MINING'

MINING ON TOP: AFRICA SUMMIT
3-4 JULY 2018
GENEVA, SWITZERLAND

WWW.AMETRADE.ORG/MININGONTOPAFRICA

#MOTASUMMIT

Bricsa Consulting

5th Annual East Africa Transport & Infrastructure

16th-17th July 2018
Mövenpick Hotel & Residences | Nairobi, Kenya

For more information contact:
jigisha@bricsaconsulting.com | www.bricsaconsulting.com



CF&S TRANSPORTS NEW KONECRANES CONTAINER LOADER BY RAIL

CF&S have recently transported a brand new Konecranes container loader (SMV4531TC6) from Kaunas in Lithuania to Tashkent in Uzbekistan by rail.

The total weight of the cargo was 73.5tns and it was transported on 2 railway platforms. To reduce the railway tariff, CF&S arranged the dismantling of the rear axle which reduced the width of the unit.

This entire procedure was carefully arranged according to instructions of the producer. CF&S can offer railway transportation in all Baltic States using their own or rented platforms. They are valuable PCN members in Estonia, Latvia and Lithuania.

www.cfs.net

WIRTZ SHIPPING HANDLE 2 ROTORS FROM BELGIUM TO FRANCE



In May, Wirtz Shipping handled 2 rotors weighing 235tn and 245tn.

The rotors were shipped from Antwerp in Belgium to Le Havre in France by coaster and Wirtz were responsible for the handling in Antwerp and the coaster agency.

Wirtz Shipping are valued, founding PCN members in Belgium.

www.wirtz.be



FLS-KAA WITH INNOVATIVE IDEAS FOR HANDLING OOG CARGO

Iraqi members, FLS-KAA were asked to urgently move some pipes and fittings from Jebel Ali.

The pipes measured up to 15m long and were needed at a project site in Kazakhstan. Mrinal Kumar of FLS-KAA comments: "Whilst our client was advised by other forwarders and carriers to load the cargo as breakbulk on a container ship by using multiple flat bed-containers, our project team planned and executed the shipment on a normal flat-rack container with arms up and at the same time making sure the lifting points of the container were totally free. All in a normal day's work at FLS-KAA!"

www.fleetlineshipping.com

CONVOY LOGISTICS PROVIDERS LAUNCH THEIR CORPORATE NEWSLETTER

Members in Canada, Convoy Logistics Providers are excited to launch their corporate newsletter.

Please visit the online version of this story, where you'll find a link, so you can view the first issue featuring a recently published interview (by Chris Barnett) with founder and CEO of Convoy Logistics Providers, Dona Asciak where she discusses the project cargo market and the company's operations.

Convoy Logistics Provider are based in Toronto area and are recognised as experts in project solutions and the movement of oversized and specialty cargo.

www.convoylogistics.ca



NO LOAD IS TOO HEAVY OR LONG FOR ROYAL CARGO VIETNAM

Royal Cargo Vietnam are new PCN members. They are located in Ho Chi Minh City with a network of offices in Hanoi, Binh Duong, Haiphong, Danang and Vung Tau. Projects Director, Long Nguyen states: "We have heard that PCN is a great organisation and we look forward to working with our new PCN partners!"

Long Nguyen continues: "Royal Cargo Vietnam was set up in 1993 and since then, we have made our mark in the industry and reached the reputation of professional integrity we enjoy today. Through our network of offices in Vietnam, our services cover not only port-to-port but also door-to-door delivery to all 58 provinces in the country. We are powered by our people and our staff are highly trained experts who provide the best possible solutions.

We are well-experienced in handling and transporting over-dimensional and heavy lift projects to any destination. At Royal Cargo, no load is too heavy or long for us and we are one of the undisputed heavyweights in project transportation. The challenge of project logistics and transportation calls for a service provider that handles this type of environment with ease and familiarity and can tailor services specific to requirements. Our team of local experts can execute complicated logistics demands including remote locations and we also have excellent contacts with the relevant authorities, port authority, custom offices, vessel operators, local heavy lift equipment owners, crane and tanker operators."

"We are dedicated to specialised logistics, using state-of-the-art lifting and transportation equipment, with an emphasis on calculated and studied planning showing all safety factors."

Some recent project cargo and heavy lift work handled by Royal Cargo Vietnam is photographed here.





**OIL & GAS
TECH ASIA 2019**

**MARCH 5-7
2019**

**Military Zone 7 Indoor Sports Complex
202 Hoang Van Thu Street,
Ward 9, Tan Binh District, Ho Chi Minh**



www.oilgastechasia.com



**GLOBAL LOGISTICS
SHOW**

**17-19 January 2019
Hitex, Hyderabad**



**INDIA'S DEFINITIVE EVENT ON LOGISTICS,
SUPPLY CHAIN
SOLUTIONS & TECHNOLOGY**

For More Information Contact:
mohit@infinityexpo.in
+91999 9689 225
+91 971 58 195 8599

Organized By




CLS RETURN 2 CRANES FROM THE DOMINICAN REPUBLIC TO THE USA

C Logistics Solutions (CLS) are members in the Dominican Republic and have recently handled the return of 2 KD Terex HC275 cranes to the USA.

Alex Booth at CLS explains: "With the 752mw thermoelectric plant project at Punta Catalina in the Dominican Republic coming to its final stages, the heavy equipment used is now starting to be shipped back to their origins. As was the case with these Terex HC275s which were going back to their owners in the USA after almost 2 years of service in the project.

What might have been a relatively simple operation of loading out 21 x 40' and 45' flatbeds plus a couple of lowboys which estimated to take around 1-2 days, due to tropical rain storms and the resultant muddy conditions (as photographed), there

was a lot of standby time and the operations took 3 days. To add to the situation, the vessel's lay-days was brought forward by almost 3 days, so it was 'all hands to the pumps' and a second crane had to be called in to accelerate the dispatch from the project site to the pier at Rio Haina to meet the vessels new arrival time. We finally managed to deliver the last load, one of the cranes' 42mtn cabins, to the pier the night before the ship's schedule to start loading at 08:00 the following morning.

Mission completed! Now, I just have to get my wellington boots cleaned of the layers of mud stuck to them!"

Well done to C Logistics Solutions on the safe completion of a challenging project!

www.clssa.net



C.H. ROBINSON WITH SUCCESSFUL TRANSPORT OF REPAIR TRUCKS FROM PUERTO RICO

C.H. Robinson Project Logistics have recently coordinated the successful transport of 11 high line repair trucks from Puerto Rico.

The 11 high line repair trucks were being returned from Puerto Rico to their home in Sacramento, California. They were originally transported to Puerto Rico in January to aid in the relief effort after the hurricane. The trucks were delivered

to the port in San Juan where they were loaded onto the ocean vessel for delivery to Jacksonville in Florida. They were then loaded onto flat-decks and step-decks in Florida and trucked to Sacramento. The total weight of the shipment was 206.34mtns and the total volume at 961.24cbm.

"Exporting the shipment out of Puerto Rico with non-C.H. Robinson owned assets

proved to be difficult. Various letters needed to be notarized in order for C.H. Robinson to handle the client's cargo. Aaron Holloway, Project Manager at C.H. Robinson, travelled to Puerto Rico to mitigate any issues and was able to obtain all the necessary permits, police inspections, and municipal releases in a timely fashion and get the cargo loaded aboard the vessel and transported out of Puerto Rico."

C.H. ROBINSON SHIP FLARE GAS TIP TO MALAYSIA

C.H. Robinson Project Logistics have recently coordinated the door-to-door shipment of a flare gas tip transported from Broken Arrow (OK) to Sabah in Malaysia as pictured in the gallery below. The project required careful planning and management to oversee the safe delivery of the load to site.

A C.H. Robinson spokesperson explains: "Our team arranged to have the cargo, which weighed 9,607kg, trucked to the port of Houston, where it was loaded on-board the Chipolbrok ocean vessel and shipped to Singapore. Once in Singapore, it was placed on an open deck barge to Kota Kinabalu Port where the cargo was trucked by a special route due to the cargo's size (5.05 x 4.9 x 4.3m) to the final destination in Sabah, Malaysia.

Project management was a huge key to the success of this shipment and our project logistics specialists were at each port to oversee every leg of the delivery. At Houston Port, Aaron Holloway, our Project Logistics Manager, realized that the lifting instructions were not complete and the initial plan could cause the piece to tip over and hit the ground. Aaron consulted with the surveyor and devised a more secure lifting method, which required the crew to belly sling the piece using the fork lift holes under the skid to safely lift and load it into the hold of the vessel. Timing was critical as the ship was departing in three hours, but the solution was quickly determined and there was no holdup to the vessel's sailing schedule."



www.chrprojectlogistics.com

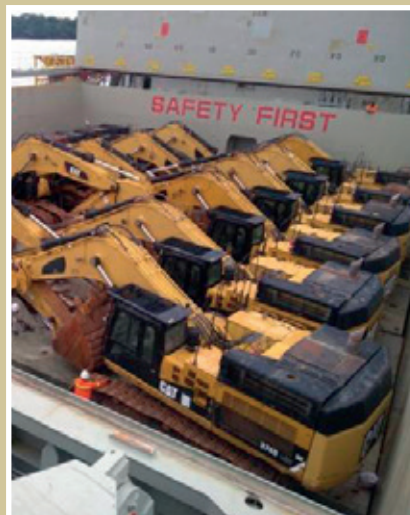


CTO DO BRASIL HANDLE RORO SHIPMENT

CTO do Brasil was first founded in 1974 and they have been realising successful projects ever since, taking pride in offering quality, efficient and specialised services. They have recently handled a new RO/RO shipment photographed above. CTO transported a tank by truck from Sao Paulo City to the Port of Santos in Brazil where it was loaded onto a Mafi and shipped by RO/RO vessel to the Port of Puerto Limon in Costa Rica.



CTO DO BRASIL SHIP 35 CAT TRUCKS & EXCAVATORS TO SOUTH AFRICA



CTO DO BRASIL SHIP ANOTHER 25 CAT EXCAVATORS TO CHINA

CTO do Brasil are located in Sao Paulo with over 40 years' experience in handling special projects.

Following from their recent similar project, they have again handled a shipment of Caterpillar excavators. This time, 25 units to China.

The excavators were transported from the shipper's plant to the Port of Outeiro in North Brazil by barge and then transhipped to a breakbulk vessel and moved to China.

Photos of the shipment can be viewed above.

CTO are members in Brazil and have recently shipped 35 Caterpillar trucks and excavators to South Africa.

The trucks and excavators were transported from the shipper's plant to the Port of Outeiro in North Brazil by two barges and then transhipped to a breakbulk vessel for the journey to Durban, South Africa.

Please check out the photos above.

www.ctonet.com

INSIGHT.

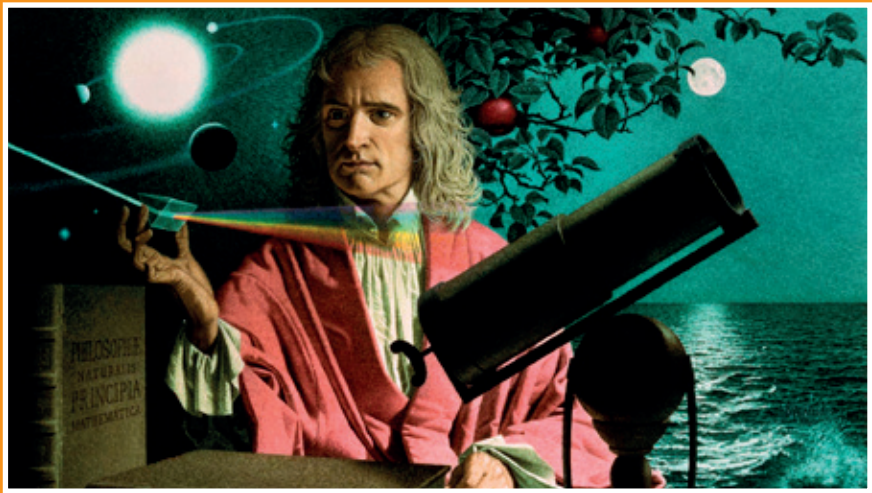


MARCO J. VAN DAAL

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.



ISAAC NEWTON (25 DEC 1642 – 20 MAR 1727)

A quick recap of last month's article, the first law of Newton also known as the "law of inertia" is formulated as:

An object at rest stays at rest and an object in motion stays in motion with the same speed and in the same direction unless acted upon by a resulting force.

Newton's second law is formulated as:

The acceleration of an object as produced by a net force is directly proportional to the magnitude of this net force, in the same direction as the net force, and inversely proportional to the mass of the object.

This second law can be captured as a formula: $a = F_{net} / m$

A bit of rearranging gives us a more familiar form: $F_{net} = m * a$

where:

F_{net}	is the net force
m	is the mass of the object
a	is the acceleration of the object

Note: The counterpart of acceleration is deceleration, where acceleration means an increase in velocity and deceleration means a decrease in velocity. In reality these two terms are one and the same "thing". An acceleration with a positive value indicates that the object is increasing in velocity whereas an acceleration with a negative value indicates that the object is decreasing in velocity (decelerating).

Let's analyze this second law in two steps. First we need to understand the term "net force" as this net force is not just any force. The net force is the summation of all forces acting on the object in question. See figure 1. This object is subjected to two individual forces, each 5 Newton in magnitude. The net force "Fnet" however (also called the resulting force) in this case is zero as the forces are in opposite directions they cancel out. This effect of canceling out does not mean that there are no forces acting on the object, these two forces are still present.

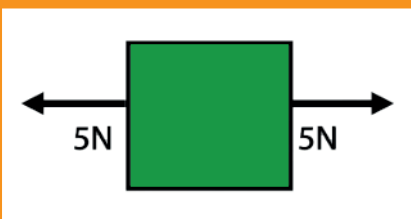


FIGURE 1

Review **Figure 2**. Same object (different color) with again two forces acting on it. One force towards the right with a magnitude of 5 Newton and one force towards the left with a magnitude of 15 Newton. This object is subject to a net force "Fnet". The magnitude of this net force is 10 Newton and is directed towards the left.

Now let's assume that the object used in Figure 1 and Figure 2 has a mass of 5 kg and apply the formula of Newton's second law.

For **Figure 1** is given: $F_{net} = 0$ Newton and $m = 5$ kg

$$F_{net} = m * a \quad \text{or} \quad a = F_{net} / m$$

$$a = 0 / 5 = 0 \text{ m/s}^2$$

When there is no net force acting on the object ($F_{net} = 0$ Newton) the object does not accelerate and (logically) stays in its place.

For **Figure 2** is given: $F_{net} = 10$ Newton and $m = 5$ kg

$$F_{net} = m * a \quad \text{or} \quad a = F_{net} / m$$

$$a = 10 / 5 = 2.0 \text{ m/s}^2$$

When there is a net force acting on the object ($F_{net} = 10$ Newton) this net force (not the individual forces) is responsible for the acceleration of the object.

CONTINUES OVERLEAF

The second part of Newton's second law is the proportionality of it as we can see in the written formulation. An object's acceleration is directly proportional with the magnitude of the net force (F_{net}). See **Figure 3**. For this Figure let's assume that the vehicle's mass is 1,000 kg and that the guy is pushing the vehicle with a force of 500 Newton. According to Newton's second law the vehicle's acceleration can be determined as follows:

$$F_{net} = m * a \quad \text{or} \quad a = F_{net} / m$$

$$a = 500 / 1,000 = 0.5 \text{ m/s}^2$$

Since this second law is proportional it can be stated that if the net force (F_{net}) doubles, the acceleration doubles as well. If the net force triples, the acceleration triples as well. The formula confirms this:

$$F_{net} = m * a \quad \text{or} \quad a = F_{net} / m$$

$$a = 1,000 / 1,000 = 1.0 \text{ m/s}^2$$

(force doubles, acceleration doubles)

$$F_{net} = m * a \quad \text{or} \quad a = F_{net} / m$$

$$a = 1,500 / 1,000 = 1.5 \text{ m/s}^2$$

(force triples, acceleration triples)

Consequently, again due to the second law being proportional, it can be stated that if the mass doubles, the acceleration becomes half. And,... if the mass quadruples, the acceleration becomes only a quarter of its original value. The formula confirms this once again.

$$F_{net} = m * a \quad \text{or} \quad a = F_{net} / m$$

$$a = 500 / 2,000 = 0.25 \text{ m/s}^2$$

(mass doubles, acceleration becomes half)

$$F_{net} = m * a \quad \text{or} \quad a = F_{net} / m$$

$$a = 500 / 4,000 = 0.125 \text{ m/s}^2$$

(mass quadruples, acceleration becomes a quarter)

In the next article we will analyze Newton's third law.



FIGURE 3

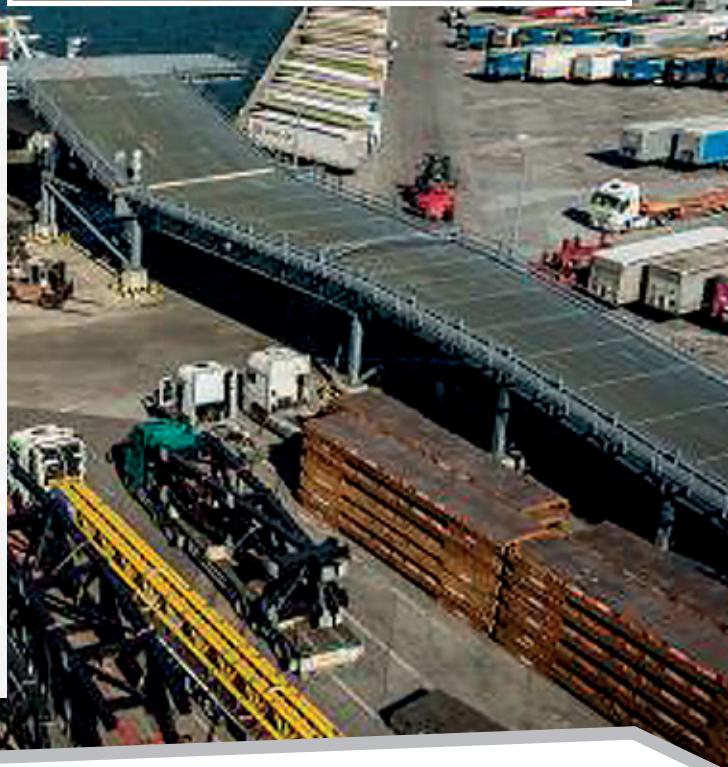


SCANDINAVIAN EXPRESS APPOINTED EXCLUSIVE LOGISTICS SUPPLIER FOR OLYMPIASTADION RENEWAL

Scandinavian Express are members in Poland and have been appointed by Skanska, one of the world's major project development and construction groups, as an exclusive logistics supplier for the Olympiastadion (Helsinki Olympic Stadium) renewal.

The whole contract consists of 1,750tns of steel constructions with 110 transports from Poland to Helsinki in Finland by the end of 2018. Delivery of the first batch consisting of 3 large sections, each weighing around 30tns, has already been successfully completed as photographed.

www.scandinavianexpress.com





MEGALIFT EMBARKS ON NEW PETROCHEMICAL PROJECT IN MALAYSIA



Megalift in Malaysia are well known in the project cargo and heavy lift market and were established in 1980. They are currently working on an ongoing project for a new isononanol (INA) plant being set up in Pengerang Integrated Complex (PIC) in the Southern Malaysian state of Johor.



OLA ARRANGE BREAKBULK SHIPPING OF ROTARY DRILLING RIGS

OLA Groups Logistics (members in Hong Kong) have successfully arranged the breakbulk shipping of 2 units of rotary drilling rigs (ZR280).

The cargo weighed a total of 415mtn in 26 pieces with the main bodies of the machines each weighing 42tns and measuring 15.85 x 3.05 x 3.15m. The shipment was loaded in Shanghai and shipped to Malaysia.

Before and during the loading operation, the OLA Groups Logistics team duly boarded the vessel to carry out the loading, lashing and securing survey. Once completed, the cargo was smoothly and safely loaded and stowed on the lower tweendeck.

www.olagroups.com

INA is an oxo-alcohol, mainly used to produce a plasticiser to increase plasticity and flexibility in PVC and the plant is expected to begin work by the second half of 2019. Megalift has been entrusted as its official logistics partner handling all imports and transportation of cargo to the site.



During the first shipment last month, there were a total of 47 cargo pieces, 2 of which were OOG. Both are photographed here with the 1st unit measuring 9.70 x 4.90 x 6.40m and weighing 44.15tn and the 2nd measuring 11.60 x 5.80 x 6.40m and weighing 67tns.

www.megalift.com.my



FCI HANDLE SHIPMENT OF 115TN MAN MOTOR

France Cargo International (FCI) have been specialising in project cargo and heavy lift services for over 25 years. This month, they have shipped a MAN motor from Saint Nazaire to the final destination of Abu Dhabi.

The motor, weighing 115tns and measuring 8.59 x 3.77 x 4.85m, was loaded and lashed onto a barge at Quai des Charbonniers using a heavy lift shore crane. It was then transported to a nearby pier for barge coupling to a Rickmers vessel and it was loaded onboard the ship from the barge using the vessel's crane.

Chairman and Executive Manager at FCI, Denis Mandil comments: "We had no time to move the cargo by truck to the loading wharf due to a delay in getting the right permit and road equipment so we had to use the barge to directly reach the master vessel."

Photos of the cargo can be viewed above. A job well handled by France Cargo International!

www.fci-cie.com



G.P. COORDINAMENTO SERVIZI (W.I.S.) WITH BIG DELIVERY IN ITALY

G.P. Coordinamento Servizi (W.I.S.) in Italy was awarded the pre-carriage and FOB activities for the delivery of around 10,800cbm (2,800mtn) of project cargo and equipment from various origins in the country to hook at Porto Marghera in Venice. Both oversized and standard cargo has been collected from the Lombardia, Friuli-Venezia Giulia, Emilia-Romagna and Veneto regions since January 2018 right up until nearly the very day of loading on board. The most impressive item of the lot was a 229.20tn desalter with dimensions of 28.80 x 4.85 x 5.42m. The distance to cover from the production yard to the loading port was only around 5km but movement of such a large and heavy piece must always be carefully planned and a 16-axle SPMT was assembled in order to move the item overnight. On the route, a roundabout had to be completely dismantled in order to allow the transit of the desalter and re-installed after passing.

Visit the online story to watch footage of the desalter during transportation and loading. You will also find pictures of the desalter operations as well as some of the other cargo involved in the project during loading photographed above.

www.gp-servizi.com



**Supply Chain &
Logistics Indonesia**
1-2-3 Aug 2018

1-2-3 Aug 2018
Jakarta, Indonesia



**Technology is the Key enabler of
New Gen Manufacturing**

For More Information Contact:
mohit@infinityexpo.in
+91999 9689 225
+91 971 58 195 8599

Organized By 
Infinity Global Conferences DMCC




**21st BALLAST WATER
MANAGEMENT CONFERENCE**
7th-9th November 2018, Rotterdam - The Netherlands

Discussing Technological Advancements and Regulatory Change
within the Ballast Water Industry


KEY TOPICS INCLUDE:

- IMO Updates and Crucial Developments at the MEPC
- Retrofitting of Vessels and Solutions for Ship-owners
- US Guidelines: USCG Criteria and Gaining System Approval
- Meeting Training Requirements and Guaranteeing Crew Competence
- The Future of the Ballast Water Industry
- Port State Control Inspections

WITH THANKS TO OUR SPONSORS



For sponsorship and commercial opportunities, please contact:
Ketan Kulkarni +91 20 6527 2807 ketan@acieu.net
For Registration and Media Partnership opportunities, please contact:
Prmod Kale +91 20 6527 2806 pkale@acieu.net



FLEXIBLE & AFFORDABLE INDUSTRY TRAINING

When it comes to new or young staff, companies are often hesitant to invest time and money, what happens if they move to another company or start their own venture after all your help? Sadly, it does happen and once bitten, twice shy. However, that does not help our industry or the genuine newcomers who would like the chance to become knowledgeable, loyal staff and ultimately, they are the ones that will help your company grow.

To manage a project well, it's important to know the practical and technical aspects to avoid surprises, or worse... a disaster. It is true that in the past, training was obtained 'on the job', but this is in part, because appropriate courses were not available. It is risky to think this is how it should still be done today.

As there is no formal education to prepare staff for the heavy lift and transport industry, many individuals have entered without proper training. Some have been in the trade for many years and do not know the physics laws. No disrespect to those individuals, they were the forerunners of the industry and worked with what they had and knew.

However, we believe theory, physics and principles should be learnt first and then applied on the job – not the other way around. Therefore, Project Cargo Network has invested heavily in both professional training from an industry expert and a bespoke eLearning Platform (pcntraining.com) to provide Members with a comprehensive online training program.

Besides the benefits of not having to travel to workshops and seminars, there are additional advantages to the eLearning Platform such as being able to stop and start the training at the users' convenience with no deadlines.

Another issue we found when researching what training was available, is that most courses and workshops were only available in USA and Europe. There were very few options for staff wanting to train in emerging markets. It is important when project forwarders and heavy lift companies work together across continents, that they speak the same heavy lift language and have the same level of expertise and knowledge.

PCN has representation in over 100 countries so to solve this, we made sure our online training was affordable (from only £150 per user) and easily accessible to everyone - if you have the internet you can access our course. So far, this has resulted in our training being used in countries as diverse as Denmark to Djibouti, Tunisia to Trinidad & Tobago, Namibia to New Zealand, Slovenia to Sierra Leone, Ireland to Ivory Coast, Hungary to Honduras, China to Colombia.

Upon completion, an e-Certificate is sent via email which can be downloaded, shared and printed immediately so that the trainee can verify their training to clients and officials quickly and easily.

To date, over 140 staff members have signed and we are delighted with the feedback received. When asked to rate the overall quality of the training, 100% said very good to excellent.

Most importantly, when asked how much was learnt from the course, 90% said a great deal. With regards to the quality and ease of use of the eLearning Platform, 100% said very good to excellent.

Nidheesh Kurumangalath of Khimji Ramdas Shipping in Oman (as photographed) said "The course was lengthy, but I never felt bored. There is no time limit for completing the course which is good for understanding each session very clearly. We can study the course after office hours with peace of mind. As a beginner in our Project Cargo Department it's very useful for me, no doubt. Thanks, PCN."



To provide the world-class training, PCN commissioned industry expert, Marco J. van Daal who has over 20 years' experience extending to more than 55 countries on 5 continents. He is author of the heavy transport textbook "The Art of Heavy Transport" in addition to being a contributing member of the American Society of Mechanical Engineers and the European Association of Abnormal Road Transport and Mobile Crane.

As the training is comprehensive, senior level professionals also benefit from the practical, scenario and video-based course as it encourages reflection on current practices.

Marco J. van Daal adds "It gives me tremendous joy when experienced project and heavy lift forwarders approach me after training and say, "I have been doing this for 30 years and now I know why"."

www.projectcargonetwork.com

TURK HEAVY TRANSPORT SHIP 3 SURFACE MINERS



Turk Logistics & Heavy Transport have shipped 3 surface miners from Bahrain to Conakry in Guinea for the ongoing projects of Global Surface Mining Australia.

Each surface miner weighed 110tns with OOG dimensions of 12.80 x 3.47 x 3.40m. The Turk team successfully performed the full scope of work including loading the cargo onto hydraulic low-beds, pre-carriage, handling, documentation, customs clearance, port operations and sea freight from Khalifa Bin Salman Port in Bahrain to Conakry Port in Guinea.

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

TURK EXECUTE TRANSPORT OF OIL RIG EQUIPMENT



Bahrain members, Turk Logistics & Heavy Transport have successfully executed the transport of several heavy units of oil rig equipment for Trinidad Drilling from KBS (Khalifa Bin Salman) Port in Bahrain to the Tatweer oil rig site.

The Turk team were responsible for

the complete transportation and port operations including receiving the cargo from the ship's hook and unloading at the rig site. The biggest piece had dimensions of 20.19 x 4.65 x 3.91m with a weight of 56tns. Other units with smaller dimensions had weights ranging from 45-52tns. In

addition, Turk is contracted to supply equipment and manpower on a regular basis to mobilise the units during rig moves.

"Turk Logistics & Heavy Transport - your reliable, professional partner in the Kingdom of Bahrain for heavy lift projects by air, sea & road."

TURK PROVIDE PORT-TO-DOOR SOLUTIONS IN BAHRAIN

Turk Logistics & Heavy Transport (members in Bahrain) have been involved in an ongoing project for Alba Pot Line 6.

Turk have provided complete port-to-door logistics solutions for cargo supplied by Fives ECL of France. Services have included road permissions, escort arrangements and road-works along the route to make the passage of trucks possible. The cargo consisted of a total of 8 tools trolleys weighing 53tns each with dimensions of 10.6 x 5.75 x 4.60m.

All of the cargo was received from the ship's hook on hydraulic low-beds at KBS Port in Bahrain and was placed in temporary storage on stool supports as photographed. At a later date, the cargo was jacked up and down onto a hydraulic low-beds and transported to the final destination. The unloading operations at the site were performed with the same method on stools.

"Turk Logistics and Heavy Transport are your reliable, professional partner for projects in the Kingdom of Bahrain."

www.turktransport.biz



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.



GRUBER LOGISTICS MOVE HEAVY HEAT EXCHANGERS TO JAPAN



GRUBER Logistics (PAO) were recently contracted by a big German manufacturer to arrange the delivery of 3 units of heavy heat exchangers to Japan.

The contract also involved the seaworthy packaging of the units at the producer's facility in Dinklage in Germany, the transportation on flatbed trailers to Bremerhaven Port and the shipments to Japan on MAFL trailers on EUKOR RORO vessels. Two of the units were delivered to Yokohama, both weighing 39,820kgs and measuring 14.50 x 3.35 x 3.35m, and the third to Kobe via Pyungteak, weighing 42,460kg and measuring 14.60 x 3.80 x 3.95m.

Project Manager, Uli Naujoks commented that it was a big challenge to get the necessary permits for the road transportation from Dinklage to Bremerhaven (a distance of around 150km) in due time.

GRUBER Logistics (PAO) GmbH are reliable and dynamic members in Germany.

GRUBER HANDLE TRANSPORT OF TWO KILN TYRES

GRUBER Logistics have recently transported 2 kiln tyres with diameters of 5.56m and heights of 0.99m each weighing 36.45tns.

Executive Support Manager at GRUBER, Ramona Duckstein explains: "The kiln tyres were moved from Tianjin to Lobito in Angola and since an L/C was involved which required unloading in Lobito, it was not possible to find a breakbulk vessel as these only called at Luanda. Therefore, we found an option to ship with CMA CGM on 5 x 40' flat-racks on MV. 'CMA CGM Otello'.

Despite our clients worries because this involved a transshipment in Pointe Noire in the Republic of the Congo, the cargo was unloaded in Lobito and everything was in good order. The kiln tyres had to be handled very carefully and could only be lashed on 4 specific brackets. We engaged surveyors in Tianjin, Pointe Noire and Lobito to make sure that the loading and unloading would run smoothly."

The kiln tyres are to be delivered to a cement plant in the area of Lobito.



www.gruber-logistics.com

LYNX LOGISTICS ARE SPECIALISED IN ABNORMAL CARGO TRANSPORTATION & LIFTING

We are pleased to welcome Lynx Logistics as new members in the Ivory Coast. Marc Moukarzel (Managing Director) states they hope to catch new projects together with their new PCN agents in the mining, oil & gas, electric & water plants, energy and construction industries. Lynx Logistics is an Ivorian Limited Company specialised in abnormal cargo transportation & lifting and operating as a forwarder, shipping agent, stevedoring, shore handling, land carrier and dangerous cargo (ICMI signatory). The close team has 20 years' experience working together on project cargo and heavy lift services at the Port of Abidjan. Their head office is located in Abidjan in its own building with an 500m² area and they also have control of 20,000m² of warehouse space.

"We are a local company with only national shareholders and operate with rigour and efficiency in all our activities, offering custom-made solutions according to complex requirements. Under the initiative of Managing Director, Mr. Marc Moukarzel, Lynx Logistics has quickly become a serious competitor in the field of abnormal and dangerous cargo transportation, breakbulk and bulk traffic, where some biggest companies have been operating for many more years!"

"We believe that the average size of our company is an advantage compared with the big companies since we can provide close and excellent services to our agents and customers by offering flexibility and more attractive rates with a better control of the operating costs all under a QHSE spirit. We currently own 30 6x4 trucks and 7 low-beds and modular trailers with a maximum loading capacity of 200tns and thereby we can provide a reliable service in cargo shore handling, lifting and transportation."

www.lynx-ci.com





STEWART CORPORATION EXECUTES FULL SHIPLOAD FOR UN CONSIGNMENT

Members in Liberia, Stewart Corporation have recently won and executed a UN contract for transporting a full shipload consignment of heavy equipment and vehicles from the UN compound in Monrovia to Laayoune in the Western Sahara.

Over 64 SUVs and numerous heavy equipment vehicles had to be moved to Laayoune as part of the UN mission in the region. Stewart Corporation provided a 'one stop solution' by taking the entire consignment as a full shipload, executing the whole operation in one go.

Despite facing difficulties due to the absence of enough car carrying trailers in Liberia to move the lot to the port, Stewart Corporation managed to seamlessly execute the assignment in time and the full consignment was successfully delivered within the promised timeline.

www.stewartcorporation.org



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.



TITAN PROJECT & LOGISTIC ANNOUNCE NEW OFFICE IN MILAN

Titan Project & Logistic (members in Italy) are pleased to announce their new office in Milan!

The commercial and air office is located very close to Duomo di Milano (Milan Cathedral). CEO, Federico Bartoli: "We have changed our location to offer our clients and agents the possibility to be in the business centre of Italy with all facilities. In the same building, above our office, there suite apartments where all our guests can be accommodated to have a good relax during meetings and well-placed to see the best sights in Milan."

Please go to the online version of this story to download a flyer detailing the new location.

As well as their new office in Milan, Titan's other locations include their Head Office in Livorno with warehouse facilities, Venice operational office for bulk cargo, Rome for airfreight and Genova and La Spezia for customs brokerage activities.

www.titanproject.net



PCN FUTURE: UNDER 30s SCHEME

2018

Established in 2010, our ISO 9001 & 14001 certified organisation is now one of the world's leading networks for project cargo and heavy lift specialists.

Further to the interesting article in HLPFI last year which tackled the challenges faced when recruiting, retaining and training staff in project logistics (read article), it is important that we address this topic as I'm afraid none of us, no matter how hard we try, are getting any younger.

It is important to invest in the next generation as they will be the ones who will push our businesses through the next 50 years in a sector that is so important to economy and international trade.

We have already introduced our new eLearning platform and Staff Exchange Program, both of which are benefiting our Members.

We also acknowledge that our annual gatherings provide the perfect opportunity to integrate young people into our network and secure future business between PCN overseas offices.

Therefore, we are delighted to introduce our new PCN Future: Under 30s Scheme.

When you book onto our 2018 Annual Summit, you can register a 2nd delegate who is under 30 for a hugely discounted fee of only £390.

It is important that our younger staff become more visible and develop stronger relations with other staff of similar age at their fellow PCN overseas offices.

Attending our event will be a great chance for Under 30s to gain professional growth, business development and will help secure the continued success of PCN.

If you take part in our PCN Future: Under 30s Scheme your staff will learn through experienced and knowledgeable CEO's and Senior Managers from 100+ countries.

To make their attendance even more valuable, they can then bring their experience back to the office and share it with other young staff. Having the responsibility of bringing their training back to share will encourage your Under 30s delegate to be present and engaged during the meeting.

"Making our network stronger"



headoffice@pcn.org.uk
www.projectcargonetwerk.com



UNDER 30s SCHEME

Established in 2010, our ISO 9001 & 14001 certified organisation is now one of the world's leading networks for project cargo and heavy lift specialists.

Further to the interesting article in HLPFI last year which tackled the challenges faced when recruiting, retaining and training staff in project logistics, it is important that we address this topic as I'm afraid none of us, no matter how hard we try, are getting any younger.

It is important to invest in the next generation as they will be the ones who will push our businesses through the next 50 years in a sector that is so important to economy and international trade.

We have already introduced our new eLearning platform and Staff Exchange Program, both of which are benefiting our Members.

We also acknowledge that our annual gatherings provide the perfect opportunity to integrate young people into our network and secure future business between PCN overseas offices.

Therefore, we are delighted to introduce our new PCN Future: Under 30s Scheme.

When you book onto our 2018 Annual Summit, you can register a 2nd delegate who is under 30 for a hugely discounted fee of only £390.

It is important that our younger staff become more visible and develop stronger relations with other staff of similar age at their fellow PCN overseas offices.

Attending our event will be a great chance for Under 30s to gain professional growth, business development and will help secure the continued success of PCN.

If you take part in our PCN Future: Under 30s Scheme your staff will learn through experienced and knowledgeable CEO's and Senior Managers from 100+ countries.

To make their attendance even more valuable, they can then bring their experience back to the office and share it with other young staff. Having the responsibility of bringing their training back to share will encourage your Under 30s delegate to be present and engaged during the meeting.





PROJECT SPECIALISTS, CENTRAL OCEANS ADD UK MEMBERSHIP

We are pleased to introduce Central Oceans UK Shipping & Trading as new members in the United Kingdom. The company will be well known to PCN members as they are a founding member in Singapore (since 2010) and added Thailand membership in 2015. They are specialists in project logistics for a range of industries and their UK offices are located in Felixstowe and Aberdeen.

Director, John Hawthorn states: "Central Oceans is a premier supplier of project transport services. Working with clients from all over the world we are extremely proud of our unique competence to create a strong and productive collaboration between the Asian and the Western markets. Over the past years, Central Oceans have had the opportunity to work with many renowned market leaders. All the projects and operations are closely managed by our dedicated local experts. Using our long-standing relations with

numerous ship owners, specialised transport and rigging companies, we are able to offer a very reliable, responsive and cost-effective service."

Please visit the online story to see a video featuring John discussing the shipping of a floating dock handled by Central Oceans for the Monaco Urban Extension Project. You can also click here to view some more recent projects handled by Central Oceans including the urgent towing of a large jack-up barge from the Netherlands to its new home on the Thames in the UK as pictured.





PROCAM TRANSPORTS OOG OIL & GAS CARGO ACROSS INDIA

Members in India, Procam Logistics recently undertook an interesting and challenging job to move a consignment for one of their oil and gas clients across the breadth of the large country from Ahmedabad in Western India to Haldia in Eastern India. The cargo was a single piece pressure vessel with dimensions of 32 x 18.1 x 11ft and weighing 66mtns.

The execution of the Job meant negotiating an arduous journey of

around 2,100km (1,300mi), across four states, crossing 32 toll gates and passing through hundreds of villages in a safe manner with utmost concern for the cargo and the environment.

Procam's Engineering and Logistics teams conducted a detailed route survey to ensure all aspects of HSEQ were met and delivery was made as per their commitment. Sanjna Vardhan (Manager) comments: "The job also involved

assessments of the on-route risks, obtaining timely statutory clearances to remain fully compliant with the law, and the removal and repositioning of some structures along the route. The cargo was escorted by fully trained teams who have undertaken several such projects in the past."

Given the detailed planning and careful execution of the job, the cargo was delivered to the full satisfaction of Procam's client in line with the commitments made.



PROCAM DELIVERS DEFENCE CARGO FROM INDIA TO THE UK

Indian members, Procam Logistics have recently moved helicopter parts by airfreight for the Indian Defence Sector from India to London, UK. A total of 855.8kg (959.11cbm) was loaded in Vizag and transported to Chennai Airport for custom clearance and onward airfreight to London.

Procam Manager, Sanjna Vardhan comments: "Some of the boxes were made of metal making them non-stackable and had lengths of 8.9m. There were also restrictions from the client on which airlines could be used and most airlines did not have the capability of carrying such large dimensions and the size of the cargo didn't justify a chartered flight."

All of the challenges were successfully overcome and the project was executed within the budget and delivered on time.

www.procamlogistics.com

www.cargconnections.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.





A HISTORY OF WELL-EXECUTED PROJECTS FROM TERA PROJECTS & SHIPPING



We are pleased to approve Tera Projects & Shipping Sdn Bhd as new members in Malaysia. With their head office in Klang, Selangor, the company is focussed on heavy transportation, heavy industrial moves and heavy lift chartering.

Executive Director, Dennis Tan states: "With a history of successful, well-executed projects, Tera Projects & Shipping is incorporated in Malaysia and strategically located within the proximity of Northport and Westport as well as various maritime authorities, inland container depots with strategic control centers and business affiliates. Our speciality of heavy transportation includes heavy haulage, out-of-gauge transport, abnormal loads, special and heavy transport of oversized and project cargo, movement of all high, wide and heavy cargo, barging, breakbulk, RORO, heavy lift chartering, customs documentation, route surveys, secure storage, craning, jacking and lifting services and transshipment services. We also have the knowledge to propose the most suitable trucks and trailers in moving difficult cargo depending on the sizes and weights. Proper planning and risk analysis such as height barriers, high tension areas, camden, gradient and ground pressure, proper lashing and securing and rolling and tipping effects are among the basic yet critical criteria that we carefully oversee and manage. We are a specialist in the removal,

installation and transportation of industrial plants and machinery. Our years of experience in this sector means we have gained an unrivalled reputation for our quality of service. From single machine installations to a complete factory move, we ensure our clients and partners are able to benefit from the expertise and professionalism developed over many years.

With our in-house ship-broking capabilities and a wide network of heavy lift ship owners, we are also proficient in chartering vessels of any size gearing upto 5,000tns per lift. Our clients range from those in the oil & gas, power generation and equipment, heavy engineering (press machines, cranes and accessories), renewable and infrastructure markets as well as oil refineries and equipment, yachts, boats and many other oversized and overweight cargo."

"Our focus on real solutions, years of experience, the number of projects we have carried out and serving a wide range of industries and clients means you can rely on our extensive know-how and we look forward to assisting PCN members in achieving successful business in Malaysia"

Tera Projects & Shipping have recently completed a plant decommissioning project which is photographed. The Petronas Vinyl Chloride Monomer (VCM) Plant Decommissioning Project at Kerteh in the Terengganu State of Malaysia involved Tera transferring close to 16,000trtn of cargo from the project site to Kemaman Port for loading. There were many oversized and heavy units among the dismantled items such as reactors, vessels, tanks and silos. After conducting a detailed route survey, Tera identified the best possible route to transport the oversized items, some of which were up to 8m in diameter, to the Kemaman storage yard and finally to Kemaman Port.

Jagan at Tera explains: "We started the journey at the project site around 23:00 with a police escort and arrived at the storage yard the next morning at around 08:00, taking 9 hours to complete the whole journey (approximately 45km). Traffic lights removal, electricity cables removal, telecommunication cables removal, tree trimming, road levelling and the shut down of high-tension cables were executed during the convoy."

www.teraprojects-shipping.com

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



October 2-4, 2018
George R. Brown Convention Center
Houston, Texas, USA

Breakbulk AMERICAS

WELCOME
BIENVENIDO
BEM VINDO

CANADA • CARIBBEAN • CENTRAL AMERICA
MEXICO • SOUTH AMERICA • US

BE A PART OF

BREKBUK
AMERICAS

WHERE OIL, GAS
AND CHEMICALS PROJECT
BUSINESS GROWS

Learn more at
breakbulk.com/bbam2018

Bricsa Consulting

3RD ANNUAL
SAUDI FREIGHT & LOGISTICS 2018

22nd - 23rd October 2018
Kingdom of Saudi Arabia

Endorsers

AHK المكتب السعودي للتجارة الخارجية
WORLD FREIGHT NETWORK
SPECIALIST FREIGHT NETWORKS

Media Partners

SHIP SHORE
connektbuilder
Cooperative
Globalia logistics network
conqueror FREIGHT NETWORK
UFO
PROJECT CARGO NETWORK
CARGO
freightmax

For more information contact mital@bricsaconsulting.com

Msharib Shipping & Logistics (MSL) have handled the transport of an excavator mounted drilling rig and all parts for a CPEC (China–Pakistan Economic Corridor) project.

The rig, for MSL's valued customer in the energy development sector, China Harbor Engineering Company, had multiple functionality comprising of pile driving, extracting, auguring, soil mixing and static pressing on a range of different terrains. The whole shipment, including heavy and OOG units, weighed 117mtns with the main body measuring 17.00 x 3.05 x 3.65m and weighing 75mtns and the kelly bars (measuring 19.00 x 2.75 x 2.55m) and other parts weighing 42mtns.

The MSL team successfully and professionally coordinated the arrangements of vehicles and documentation as required with complete pre-planning to avoid any delays in delivery. A multi-axle low-bed and a long flat-bed was used for the movement from Mansehra to Tarnol in Islamabad (in 2 stages) covering a distance of 1,600km and delivering the cargo safe and sound within 5 days.

www.msl-pk.com

MSL TRANSPORT EXCAVATOR MOUNTED DRILLING RIG FOR CPEC PROJECT





AL NAHRAIN DELIVER TO SEVERAL DESTINATIONS IN IRAQ

Al Nahrain Group (members in Jordan and Iraq) have delivered 21 packages of construction materials and equipment to several destinations in Iraq for a support project supplied from the European Union for a contract with the Ministry of Construction & Housing (M.O.C.H.) and the Ministry of Municipalities and Public Works.

Al Nahrain's scope of work involved 2 stages:

- Once the cargo arrived at Umm Qasr Port (UMQ), the handling, shifting, de-stuffing and clearance.
- Cargo delivery to 8 destinations in Iraq - Basra, Karbala, Baghdad (Al-Salheyah area and Al-Jazeera area), Amara, Al-Naseriyah, Muthana and Sulimaniyah.

During customs clearance at UMQ, the shipment required special approval from several parties such as the Ministry of Communications, Iraqi Media Department and Iraqi Intelligence Departments. An Al Nahrain spokesperson comments: "We also arranged the needed permissions for the Committee of Supervision as nominated by the European Union, to inter UMQ, where our Basra Manager, Capt. Ayad accompanied them to survey and inspect the shipment on-the-spot and the results were excellent. After the completion of the customs clearance formalities and the solving of a tax exemption letter issue, our trucks were ready to load the complete shipment of 21 packages on 3 truck trailers, to be delivered to the 8 locations. The convoy was escorted by armed patrols for safety purposes and all packages were delivered safe, damage free and on time."

AL NAHRAIN TRANSPORT LARGE CABLE REELS IN IRAQ



So far, 2018 has been full of activities for Nahrain Group and they have conducted and been involved in a lot of projects in both Jordan and Iraq. They have been delighted with the satisfaction and good feedback received from their clients due to their usual distinguished performance.

At the beginning of the year, Al Nahrain handled a project for the supply of power cables for the Ministry of Electricity in Baghdad, Iraq. The large power cables reels (high voltage 132kv, aluminium conductor, 1x2000mm) were picked up at the Safwan Border and delivered to the Ministry of Electricity in Baghdad.

Al Nahrain performed the trans-loading at Safwan from Kuwaiti loaders onto Iraqi

loaders, customs clearance and inland transportation from the Safwan Border to Baghdad warehouse.

"Kuwaiti loaders arrive at Safwan border and we prepare trans-loading them onto Iraqi loaders.

After that, we completed the customs formalities at the Safwan Border including full cargo inspection.

The Iraqi low-beds loaded with the cables were then moved to the final warehouse in Baghdad under the supervision of our expert working team and after getting the required and necessary approvals as well as the coordination to deliver the cargo safely. All loaders departed from Safwan as one convoy, escorted by our equipped patrols, front and rear, and arrived safe and sound to the final destination in Baghdad."

The whole operation was completed with full care and without issue to the satisfaction of the client. Al Nahrain yet again show their reliable and expert capabilities!

www.nahrainco.com.jo





AL NAHRAIN WITH WATER AUTHORITY PROJECT IN JORDAN

Al Nahrain Group have handled 61 water supply management vehicles plus spare parts in Jordan. The vehicles were granted to Jordan from Japan and were transported in 2 lots – firstly, 40 trucks arrived at Aqaba Port at the beginning of February and the remaining 21 trucks plus 3 cases of spare parts and machinery arrived mid-March.

Al Nahrain were responsible for the port handling, customs clearance and inland transportation from Aqaba Port to the Zarka Free Zone (Z.F.Z.). After completing customs formalities, storage and traffic registration at Z.F.Z., the trucks were delivered to the final destination of the Water Authority of Jordan (WAJ)'s workshop located on the Zarka Highway.

"This shipment of self-propelled vehicles arrived at Aqaba Port in two lots by RO/RO vessels. Our working team was ready and available at Aqaba Port for each vessel's arrival, particularly to be aware of the vehicle's condition after de-lashing and before rolling out to the yard. Therefore, we had the opportunity to inspect all vehicles 'on-the-spot' and carefully watch the discharging processes which was performed almost identically for both vessels. To ensure an efficient operation, we instructed our clearance broker to start with the formalities as soon as possible and it was completed within a couple of days. After arranging all the required long 'vehicle carrier' trailers, we loaded 3 units on each as photographed. For each lot, all the cargo departed Aqaba Port and were delivered to our storage yard at Z.F.Z.

As per specific rules and regulations for the granted vehicles, the process had to undergo special formalities and multiple correspondence between all related parties through the Governmental channels. Both lots were eventually stored at Z.F.Z. for almost one month each to complete the requirements and obtain the traffic registration as well as plate numbers to enable departing to the final destination. Upon the completion of each lot's registration, we swiftly arranged the needed trailers for delivery. As usual, and through our long experience in this regard, our team applied the proper lashing and chaining, ensuring the whole process was controlled with full safety and security.

All truck movements were escorted by our equipped patrols, front and rear, to maintain a safe journey and delivery with the whole operation completed with full care to the best satisfaction of our client. The 1st lot was delivered to the WAJ workshop on 13/03 and the 2nd lot was delivered on 03/04."

Another well-managed project handled by Al Nahrain (valued PCN members in Jordan and Iraq).

AL NAHRAIN MOVE CAT EXCAVATOR FROM JORDAN TO SAUDI ARABIA



Al Nahrain have recently moved a Caterpillar excavator (CAT385C) rig with all accessories including a mono boom & counterweight. The main part of the excavator weighed 114tns and the full accessories had a total weight of 115tns and involved several parts with lengths up to 24m.

The cargo was picked up from the site in Swaqa, 110km South of Amman in Jordan and delivered to Jeddah in Saudi Arabia via the Zarqa Free Zone (Z.F.Z.). Al Nahrain comments: "We are proud that we managed to secure this job through one of our distinguished clients, who has full confidence in our performance. Being a multitasked job that requires full preparations and precautions in all aspects, this project was unique and important and we applied a high level of HSE (Health, Safety & Environmental) standards to ensure a safe and secure delivery."

The shipment required 9 truck trailers of several types as specified below:

- 6 x standard truck trailers: 3 x flatbed and 3 x wall-sided
- 1 x low-bed trailer (18m length)
- 1 x long carrier trailer (24m length)
- 1 x wide & long low-bed truck trailer with 9 axles (18m length, 4m width & 120tn capacity)

Al Nahrain's scope of work was handled in three stages:

"Loading the cargo at the Swaqa site. Upon the trucks arrival to the site, our working team was ready with all required equipment. Complying with all safety instructions, the load was secured by applying special lashing ratchet and cam buckles, fixing the fitted dunnage and using appropriate load binder chains and standard slings etc.

Moving the loaded trucks from the Swaqa Site to Z.F.Z. escorted by our patrols, front and rear. All trucks safely arrived and entered Z.F.Z. to start the customs formalities.

All trucks arrived at the Al-Omari Crossing on the Jordan border and passed over to Al Hadiitha on the Saudi Arabia border where the customs formalities were completed. Then, all trucks departed heading to the final destination of Jeddah City at a distance of 1,400km, except the low-bed trailer which required a longer period during inspection at the border and was delivered shortly after."

The whole 9 truck shipment was delivered safe and sound, always fully escorted, to the complete satisfaction of Al Nahrain's client.

www.nahrainco.com.jo



STAFF EXCHANGE PROGRAM

A fantastic way to gain global experience! This program is designed to enhance global awareness, encourage the development of cross-cultural perspectives, widen the participant's skill base and ability to develop innovative ideas through exposure to different office environments and work practices.

OBJECTIVES

The objective of this program is to encourage staff exchanges between PCN members with several goals in mind:

- 1) To promote long-term relations between Members.
- 2) To strengthen links and encourage broader interaction between Members.
- 3) To allow key staff members to better understand the procedures of their fellow members, thereby generating greater understanding of their operations.
- 4) The programme encourages staff with different area of expertise to build skills in areas where they have little knowledge.
- 5) To enhance the individual skills and professional experience of key staff.

GUIDELINES

- To gain maximum benefit, exchange programmes are recommended to be a minimum of two weeks.
- The funding of travel and accommodation costs must be agreed mutually between the 2 participating Members.
- An Assignment Description must be written and agreed mutually between the 2 participating Members before the exchange takes place.
- We recommend that participating staff should have worked at the Member company for a minimum of 12 months.

'ADVISOR' SYSTEM

It is strongly recommended that host Members designate an 'Advisor' for the participating staff. This will provide the arriving staff with a person to whom they can readily turn for information and advice.

TO REGISTER INTEREST

To register your interest in this programme (either as a host or to be a visitor), please email: rachel@projectcargonet.com

CASE STUDY

Recognizing that there are often cultural differences in terms of business acumen and conduct, Realco Logistics (Taiwan) and Canaan Shipping (Canada) decided to send one individual each to learn about the respective company and their country's culture to hopefully develop more projects and joint sales leads together.

The first candidate was Mr. Curt Chen who had been at Realco Logistics for two years. A three-month training program was established focussing on 4 pillars: Language and Cultural Exchange; Business Operations; Country Specific Industries and Specific Clients Assignment. President of Canaan Shipping, Mr Patrick Lo said:

"Not only was there theoretical knowledge, but we had 1 person assigned to walk him through specific files and clients. There was a weekly report updated back to the Head Office from Curt." After a very successful 3 month program, Curt returned to Taiwan.

Patrick added: "The learning was extremely productive. However, we soon realized that 3 months was quite limited. As a result, we applied for a 1 year working permit for Curt. Thus, Curt has just completed a full year at Canaan and will be returning to Taiwan in December. We will then be sending one person from our office in 2018 for the similar experience."

Realco Logistics and Canaan Shipping have listed the below as the benefits of the Staff Exchange:

- **Millennials are often looking for travel/out of country experience. This provides a positive attractiveness for companies to do this program.**
- **Better relationship building between PCN Members**
- **Generation of mutual sales leads for projects**



SUPPLY CHAIN & LOGISTICS Arabia

23-24 October 2018
The Address Dubai Marina, UAE



New Gen Supply Chains to Optimise Retail Operations

For More Information Contact:

mohit@infinityexpo.in
+91999 9689 225
+91 971 58 195 8599

Organized By



Infinity Global Conferences DMCC

CITYFREIGHT

SHOW USA 2018

Innovation. Technology. Sustainability. DELIVERED.



September 24-25

Hilton Midtown, New York

REGISTER NOW

"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

Exciting Relaunch of Freightbook with new Online Ratings Feature

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



freightbook

LINKING TOGETHER INDEPENDENT FREIGHT FORWARDERS

SUPPLY CHAIN & LOGISTICS Eurasia

1-2 November 2018
Istanbul, Turkey



Robust Supply Chains to Optimise Automotive Industry

For More Information Contact:

mohit@infinityexpo.in
+91999 9689 225
+91 971 58 195 8599

Organized By



Infinity Global Conferences DMCC

17th Vessel Efficiency & Fuel Management Summit



29 - 30 Aug 2018 / Singapore

Key Speakers

Sean Hutchings, Chief Technical Officer, *Thomson Group of Companies*
 Capt. Raymond Peter, Managing Director, *Bernhard Schulte Shipmanagement (Singapore) Pte Ltd*
 Capt. K.K. Mukherjee, Director(Operations), *Nyk Bulkship (Asia) Pte Ltd.*
 Nishant Dhyani, Fleet Efficiency Manager, *The China Navigation Company*
 Alastair Evitt, Group Director - Ship Management (East), *V. Group*
 Salil Kumar, Deputy Director - Technical, *MMS Company Ltd. (Singapore)*

Key Focused Areas

Fuel Management Shipping Regulations Vessel Efficiency Big Data LNG & Alt. Fuels



Session Sponsor

Branding Partner



Supporting Partner



For More Information, Contact:
 Megha Dhar | T: + 91 7028258569 | E:mdhar@acieu.net

BOOK BY JUNE 29TH TO SAVE £300 - BOOK BY SEPTEMBER 28TH TO SAVE £200 - BOOK BY OCTOBER 31ST TO SAVE £100

SMI Group Proudly Presents the 2nd Annual...



MARITIME INFORMATION WARFARE

26TH AND 27TH
NOV
2018

Optimising Naval Information Exploitation Through New Technologies, Systems and Enhanced Data Management

Copthorne Tara Hotel, London, United Kingdom

BENEFITS OF ATTENDING:

- The only event that approaches the concept of "information warfare" in the maritime domain, and the need to **embrace information to enhance naval operational effectiveness.**
- Hear comprehensive technical briefings from the Royal Navy and other leading maritime experts on **Artificial Intelligence, big data analysis, open source intelligence gathering and C4I combat information systems.**
- Detailed focus on naval cyber warfare and how major European naval forces are approaching **cyber defence of maritime assets and networks.**
- Meet **cutting edge technology providers** at the forefront of delivering artificial intelligence, information technology, and cyber defence solutions.

Half-Day Post Conference Workshop, 28th November 2018 | Copthorne Tara Hotel, London, United Kingdom

Cyber Warfare in the Maritime Domain

Hosted by Colonel (Ret'd) Ralph Steels, Director, Stratifyd Consulting
 9.00am-12.30pm

www.maritimeinfowarfare.com/UFO-NL

Register online or fax your registration to +44 (0) 870 9090 712 or call +44 (0) 870 9090 711
 SPECIAL RATES AVAILABLE FOR MILITARY AND GOVERNMENT REPRESENTATIVES



**PROJECT
 CARGO
 NETWORK**

Registered in the UK. Company no 7334156.
 ISO 9001 Reg No 204480; ISO 14001 Reg No 205343

WWW.PROJECTCARGONETWORK.COM