

**Anglo Eastern skilling Indian seafarers for making them numero uno**



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**JNPT records highest ever traffic of 4.8 million TEUs**

■ **BSN Network / Mumbai**

- Container cargo handled up at 7.4 percent.
- DPD share up at 39.15 percent.

JNPT, the premier container port in the country added yet another feather to its cap by

clocking the highest volume of cargo handled with 4.8 million TEUs for the year ended March 31, 2018. The record performance comes on the back of 4.5 million TEUs handled in the previous financial year.

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Shri Gopal Krishna, Secretary, MOS, Shri Neeraj Bansal, Chairman, JNPT along with other stakeholders at the annual performance declaration event.

**HAZMAT Seminar flagged off by Amitabh Kumar, IRS, Additional Director General of Shipping**



R to L - Mr. Sharat Chandrayan, IRTS, CGM CONCOR, Mr. Vikram Kumar, IAS, CEO MMB, Chief Guest Amitabh Kumar, IRS, Addnl DG Shipping and Capt. Vivek Bhandarkar, CEO Bhandarkar Publications.

**"PDP Shipping & Projects Receives AEO Status"**

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## Bahri receives a Very Large Crude Carrier 'Khurais'

### ■ Agencies

Bahri announces that it has received on 10 April 2018 a new VLCC that was named (Khurais).



The newly received VLCC

is one of the 5 VLCCs that were financed by Standard Chartered Bank, Arab National Bank, National Bank of Abu Dhabi and Bank Albilad according to Bahri announcement at Tadawul on 30 November 2016.

The commercial operation of (Khurais) is expected to be in April 2018. The financial impact of the new VLCC is expected to be in the second quarter of 2018.

## Amendments provide Incentives for Startup India

### ■ BSN Network / New Delhi

Government of India launched the 'Startup India' initiative on January 16, 2016 to build a strong eco-system for nurturing innovation and entrepreneurship. This measure of the Government is helping create large scale job opportunities across the sectors and increase economic growth of the country.

As part of this initiative, Department of Industrial Policy and Promotion has issued gazette notification No 364(E) dated 11 April, 2018 constituting a broad based Inter-Ministerial Board (IMB) to consider applications of Startups for claim of following incentives of the Income Tax Act 1961(hereinafter referred as Act):

**Exemption from levy of income tax on share premium received by eligible Startups under section 56 of the Act.**

**100% deduction of the profits and gains from income of Startups for three out of seven consecutive assessment years under 80 IAC of the Act.**

Applications for certification of startups under section 56 and Section 80 IAC of the Act will be submitted through an online portal to DIPP. These applications will be considered by IMB for certification.

For the purposes of section 56 of the Act, there is no restriction on class of investors and eligible startups can receive investment from any person against issue of share capital.

As a continuous endeavour of the Government to facilitate startup eco-system in the country, DIPP has been holding regular stakeholder consultations including with Government ministries/ departments, regulators, angel investors and startups. Amendments introduced through this notification are meant to address key demand of startups with regard to exemptions under the Income Tax Act, 1961.

With the introduction of amendments through this notification, startups are likely to have easy access to funding which in turn will ensure ease in starting of new businesses, promote startup eco-system, encourage entrepreneurship leading to more job creation and economic growth in the country.

## APM Terminals Mumbai handles record number of containers in 2017

### ■ BSN Network / Mumbai

APM Terminals Mumbai handled a record 2.3 million TEUs during 2017-18. This is the terminal's highest volume performance since the terminal was built in 2006. The terminal handled over 633 vessels over the course of the year.

Commenting on the achievement, Ravi Gaitonde, Managing Director of APM Terminals Mumbai said, "This success is a result of the cooperation extended by the entire trade community including the cargo owners, Container Freight Station operators, transporters, rail operators and the port and customs authorities. We would like to thank the community for their business and support. We are continuously looking for ways to improve

our service offering and increase the efficiency of the terminal to remain terminal of choice for our customers."

Nhava Sheva, the busiest container port in northwest India, handled a record 4.8 million TEUs in 2017, with APM Terminals Mumbai accounting for 42% of the port's total container volume.

APM Terminals Mumbai, is part of the APM Terminals Global Terminal Network, and is a joint venture between APM Terminals and the Container Corporation of India (CONCOR-A Government of India undertaking). Operating from Nhava Sheva's Jawaharlal Nehru Port (JNPT), APM Terminals Mumbai is India's largest container terminal handling facility in container throughput (TEUs), representing 18% of India's containerized cargo.

## CMA CGM starts its new unmatched service offering: Ocean Alliance Day Two Product

### ■ Agencies

- 41 services, 331 containerships deployed and a capacity of 3.1 million TEUs
- 121 ships deployed by the CMA CGM Group
- Powered by CMA CGM's expertise and unique global offer: a strong and complete intermodal and logistics offer combined to a range of new added-value services

CMA CGM Group, a world leader in maritime transport, announced the start of the Ocean Alliance Day Two Product. Based on the success of Ocean Alliance, the Ocean Alliance Day Two Product strengthens CMA CGM's service offering by providing even better services and upgrades to the Group's customers.

The Ocean Alliance Day Two Product has a carrying capacity of around 3.1 million TEUs (Twenty-foot Equivalent Unit) with 331 containerships deployed on 41 services. CMA CGM will continue to play a major role within the alliance, deploying a fleet of 121 ships.

The evolution of Ocean Alliance highlights the commitment of its members to optimize their offering by adding new services to serve customers even better:

- 20 Transpacific services, 4 Transatlantic services, 6 Asia-North Europe services, 4 Asia-Mediterranean services, 5 Asia-Middle East Gulf services, 2 Asia-Red Sea services;

- on the Transatlantic trade, the new offering provides an increased coverage of the East Coast of the United States with a new service: Independence Bridge;

- offers a direct service from North China & South Korea to the Red Sea;

- continues to optimize and upgrade its offering with additional ports of call.

### ■ CMA CGM's expertise and range of new added-value services

CMA CGM customers will be able to enjoy the new range of products and services developed by the Group as part of its Customer Centricity strategy:

• **SERENITY By CMA CGM: a new set of products aimed at offering simpler, faster and customized solutions to**

secure our customers' business. SERENITY allows customers to manage supply chain risk more efficiently and at a lower cost. With Cargo Value Serenity, the first product launched in this new range, CMA CGM covers any kind of cargo incident no matter who is responsible,

REEFLEX: a brand new container technology that enables the refrigerated carriage of liquids. This is the most efficient and cost-effective transportation mode for beverages, semi-finished or even raw material,

online payment: already available in the USA via our e-commerce platform, allows our customers to complete a full transaction, from booking to payment, using our eBusiness portal,

inland tariffs: a new tool to search for the best tariffs and intermodal solutions.

An additional intermodal and logistics offer proposed by CMA CGM and its subsidiaries

In addition to the 41 maritime services, CMA CGM and its subsidiaries offer their customers a unique offer of land solutions and logistics in each of the countries involved. This offer which includes road, rail and inland waterway options represents a complete solution that integrates the whole supply chain allowing door-to-door offers.

With this new offer, CMA CGM customers will enjoy the expertise and global offer of a leading shipping company that puts their needs and expectations at the center of its strategy and development.

On the occasion of the launch of the Ocean Alliance Day Two Product, Olivier Nivoix, Senior Vice President Ocean Alliance Lines, stated: "Since its launch last year, Ocean Alliance has been a great success from a customer perspective. We are pleased to start this new chapter with our Day Two Product, which perfectly illustrates our customer centric strategy. By improving our services and offering our range of new added-value solutions, we continue to go beyond regular business relations with our customers by offering them an experience."

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# Anglo Eastern skilling Indian seafarers for making them numero uno



■ BSN Network / Mumbai  
A Company that is leading with Integrity, "I know what you have been taught, but in real life this is how it works" is a phrase no longer acceptable on board of our ships... says Peter Cremers, Executive Chairman of Anglo Eastern.  
Anglo Eastern is always determined to raise its standards higher than before, so that its workforce attains the desired next level. They look outside the shipping box to develop additional skills. For Anglo Eastern Univan

Group number one priority is safety standards.  
Anglo Eastern takes education and training very seriously, going above and beyond what is required in order to develop their cadets and crew to the high standards what they are known for. Their training centres in India and abroad support the career goals of their cadets and seafarers even as they pursue further qualifications.  
Meet the men behind this organization that doggedly support their seafarers.  
Capt. Pradeep Chawla, Managing Director, QHSE and Training, Anglo-Eastern

Univan Group who joined sea in 1974 as Deck Cadet and attained the rank of Master in 1986 has a deep understanding of the issues faced by seafarers.  
Anglo-Eastern Group manages over 600 ships and employs 27,000 staff at sea and over 1,700 people ashore. He is serving as an invited member in the Shipping Consultative Committee to the Hong Kong Government and works as a "Competent Person" for IMO. He is the present Chairman of Global MET Association, and Ex-Vice-President and Council member of Nautical Institute, UK. He is a member of the Intertanko Human Element Committee,

the Standard Club Safety and Loss Advisory Committee – Asia. He contributes to various other industry forums and committees.  
Capt Vinay Singh, Managing Director of Anglo-Eastern Ship Management (India), who heads the largest crewing operation from India believes it is important for all staff on board – whether ratings or officers – to be on the same page with the company's vision and mission. "For this, it's important to set a uniform standard on board for all to follow," he says. He has spearheaded with a consistent track record of growth year after year which has earned accolades and recognition from many forums including the most prestigious acknowledgement from the Government of India. His clear vision along with an understanding of technology and data analytics has enabled Anglo Eastern to build a robust IT system which is the backbone of the operations handling such a vast number of Seafarers.  
Anglo-Eastern and Anglo Eastern Maritime Academy (AEMA) lead by doing the right things the right way with Innovation and upgrading with the latest technology. They enable everyone to perform at their best, while challenging ourselves to responsibly shape the industry and make a positive impact in our communities.

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### Advantages include:

- Family medical benefits
- Round the year wages
- Company sponsored family carriage
- Free internet across entire fleet



### VACANCIES FOR CONTAINER FLEET

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<b>SECOND ENGINEER</b> 12 months rank exp Exp on UMS class and more than 20000 BHP vessel Electronic Engine Exp preferred	<b>SECOND COOK</b> 15 months rank exp. Cook certificate is Mandatory
<b>ETO</b> 12 months rank exp ETO COC and Reefer exp preferred	<b>ABLE SEAMEN</b> 15 months rank exp. on container
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Their aim is not only to train students or seafarers but to make them aware about Health, Safety and Environment for that they teach them about Near-Miss Reporting, Accident Investigation and Safety Inspections.

Anglo Eastern's core areas of expertise are Ship Management, Crew Management, Technical Services, Offshore, Education & Training and Yacht Services. Anglo-Eastern today has the most diverse fleet in the world comprising of LNG/LPG Tankers, VLCCs, Chemical Tankers, Container Ships, VLOCs, Bulk Carriers and Heavy Lift Ships.

AEMA has an advantage of being a part of Anglo-Eastern Group which manages more than 600 ships, providing placements for all the Trainees. This is a significant factor in the present scenario of shortage of Training slots in Maritime Industry. As a result, cadets are free to pursue their training without worrying about their placement.

It has an overall sea staff retention rate of about 97%, with 75% of officers having more than 5 years of experience with company. From a small 1200 sq. ft. office of a manning agent in downtown Mumbai to setting up its current sprawling office in the business heart land of Mumbai, Anglo-Eastern India has grown in leaps and bounds since 1992. Anglo-Eastern looks beyond the status quo, and is always striving to be the best. We seek the latest knowledge and skills to set standards and deliver results.

Employing over 19000 seafarers from India, Anglo-Eastern Ship Management(India) with offices, in Mumbai, Delhi, Kolkata, Chennai, Dehradun, Lucknow, Chandigarh and Kochi provides manning services to over 500 vessels, managed by our principals.

Anglo-Eastern not only offers a job but also a career and a commitment. Our Fleet Personal Department Managers have spent an average of 16 years in AESM and most of them are ex-AESM seafarers.

Its dedicated welfare department has facilities of Medical insurance, Accidental death coverage on leave, Dedicated P&I Cell, Relationship Cell.

Anglo-Eastern supports social welfare initiatives through Anavi. It is an NGO started by a group of seafarer's wives from Kolkata. Anavi means

"being kind to others". Anavi works to bring smiles to the underprivileged in India.

The organisation has a dedicated Welfare & HR Department manned by trained and qualified Human Resource professionals to ensure efficacious handling of welfare and humanitarian needs of our staff.

Anglo Eastern Maritime Academy (AEMA) management believes in Innovation which has helped the Academy to produce better cadets year after year which isn't an easy task.

So, what do they do, the first step for them is to understand learner's intake which can be very well understood through the traditional ways such as Visual, Auditory and Kinesthetic (Learning with Body actions). These ways are nothing but learning methods which help the Teacher in teaching the cadets by playing visual data with more knowledge specific hearing aid which in turn gives a feeling to perform the action shown in the form of Kinesthetic learning.

**Capt. K.N. Deboo, Principal, Anglo Eastern Maritime Training Centre (AEMTC)** Mumbai says "at AEMTC we strongly believe that training of shipstaff is one of the most critical factors in achieving safe, economical and profitable operation of a vessel."

**Announcing AEMA vision, Captain Sureen Narang, Principal, Anglo Eastern Maritime Academy (AEMA)** states that "Our Vision is to be recognized as a leading, innovative, dedicated and practical education provider in the maritime industry.

To make AEMA the best institute in the world. Our Mission is to educate and train to the highest standards in

the maritime industry, making learning enjoyable and effective in the workplace. At Anglo-Eastern Maritime Academy we strongly believe that training of the entry level cadets is one of the most critical factors in achieving a safe, economical and profitable operation of a vessel." He concludes "We want the young generation of seafarers to be better than us. They are our future. At AEMA, we conduct three entry level maritime courses - all have been developed in close consultation with shipboard officers, ship superintendents, ship operators and maritime regulators. These courses bring in a large element of practical knowledge and shipboard case studies to enhance the application of the knowledge in a real ship type environment. Every classroom has network and internet access. We also lead the State with the introduction of Interactive Whiteboards in every classroom. Both of these support the development of interactive learning environments and promote high levels of academic engagement in learning tasks."

"I hear and I forget. I see and I believe. I do and I understand." -Confucius

Once they know the understanding of cadets, they train them with the help of the following modules at regular intervals which has helped AEMA to become an Innovative Institute:

- *Occupational Safety Centre which has a working Tanker Deck, Working Gangway and SOPEP (Ship Board Oil Pollution Emergency Plan) Station.*

- *Mini Dry Dock with a Vessel on Blocks which gives a wider understanding about Ship Construction.*

- *Two working Latest Ballast Water Treatment Plants which has been sourced from the Original makers.*

- *In addition to the above, there are a few more modules such as Steering Simulator, Wheelhouse, Lighthouse which have worked wonders in developing day to day practice with respect to Watch-keeping and understanding Bridge Procedures.*

In addition to this, they conduct various Campaigns for creating awareness among the cadets on topics such as Importance of Personal Protective Equipment (PPE), Garbage Segregation, Conservation of Resources, Working at Height, etc.

Apart from regular Marine Training, they also understand that Communication forms a major part of individual's life and by focusing on the same we have developed a Full Fledged Language Lab better known as an "English Lab". In the lab, their major focus remains at developing LSRW skills (Listening, Speaking, Reading and Writing) which is accomplished by suitable software known as Study Skills Success. To strengthen cadets' Communication and Leadership skills, they also run AEMA Toastmasters Club which is a part of Toastmasters International.

AEMA has employed a full-time duly qualified Psychologist to monitor the Human Factor related training needs and provide Counseling to needy cadets.

The cadets have access to Learning Management System (LMS), Knowledge Management Systems (KMS) and Video On Demand (VOD) library which houses many training modules and provides an E-Learning Platform. Lastly, keeping pace with Modern Technology, we have introduced Virtual Reality, as a Training Tool.

## MSC Shipmanagement Awarded "Green Company Of The Year" in India

### ■ Agencies

MSC Shipmanagement was named "Green Company of the Year" at the prestigious 17th annual Sailor Today awards in Mumbai, underlining MSC's sustainable approach to its fleet and crew.

**MSC was acknowledged for its commitment and initiatives around environmental protection, vessel energy efficiency, fleet performance and seafarer training.**

Over 1800 guests from the ship-management industry from locations such as Hong Kong, Singapore and the U.K. witnessed Mr Pradeep Rawat, Chairman of India's National Shipping Board, present the award to MSC.

Separately, MSC's modern, green fleet was also recently commended at an annual function in Odessa organized by the National Maritime Rating of Ukraine, where MSC Shipmanagement scooped "Shipmanager of the Year."





## "PDP Shipping & Projects Receives AEO Status"

■ **BSN Network / Mumbai** PDP Shipping & Projects Limited, a leading integrated logistics operator has been granted the status of Authorized Economic Operator (AEO) by the Indian Customs, a member of the World Customs Organization (WCO), Brussels.

The status of AEO demonstrates strong internal control system and the highest level of compliance of Safety and Security norms in the International Supply Chain management. The company is compliant of SAFE framework of Standards



of WCO is a matter of great pride, said Ms. Shalini Verma, Director.

She further expressed happiness over the preferences the company clients and their consignments will now be accorded in Customs in line of the AEO guidelines. AEO programme cut shorts dwell time, enhances cost effectivity and adds value to Safety standards in International Supply Chain and our company is a part of this highest level of compliance, said the release.

## MOL Launches Trial Use of Cooling-Work Suits Onboard

- Prevent Heatstroke and Reduce Workload Onboard

### ■ Agencies

Mitsui O.S.K. Lines, Ltd. (MOL; President & CEO: Junichiro Ikeda) announced the trial introduction of specialized cooling-work suits for crewmembers, developed by Teijin Limited (President & CEO: Jun Suzuki; headquarters: Osaka-shi, Osaka), in cooperation with MOL, on a vessel operated and managed by Mitsui O.S.K. Kinkai, Ltd. (President: Kenichi Nagata; headquarters: Minato-ku, Tokyo).

The goal of the trial is to

prevent crewmembers from heatstroke and reduce their workload. The work uniforms are equipped with rechargeable cooling fans for them working under intense heat on an Mitsui O.S.K. Kinkai's cargo vessel in service between Japan and Middle East.

The fans draw in outside air and circulate it between the two layers of the uniform, which covers both the front and back of the body. The air flows evenly throughout the uniform, providing a significant cooling effect that enhances the crewmembers' comfort and

## CMA CGM starts its new unmatched service offering: Ocean Alliance Day Two Product

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That meets their needs and expectations in order to build with them the shipping of tomorrow."

### OCEAN ALLIANCE DAY 2 PRODUCT: 7 trades, 41 services

Asia - North America West Coast: 13 weekly loops, 80 vessels, 97 weekly calls in 30 ports

Asia - North America Pacific South West

PRX: BOHAI: JAX: \*pendulum loop with Columbus Suez\* HRX: HBB: SCS: GEX: JDX: HIX:

Asia - North America Pacific North West

COLUMBUS PNW: TPX: \*pendulum loop with CIMEX 7\* NWX: DAS:

Asia - North America U.S. East Coast: 7 weekly loops, 72 vessels, 65 weekly calls in 29 ports

MANHATTAN BRIDGE: SAX: COLUMBUS SUEZ: \*pendulum loop with JAX\* VESPUCCI: TWS: PEX3: GMX:

Asia - North Europe: 6 weekly loops, 66 vessels, 81 weekly calls in 33 ports

FAL1: FAL2: FAL3: FAL5: FAL6: FAL7:

Transatlantic: 4 weekly loops, 22 vessels, 39 weekly

increases their work efficiency.

**MOL continues to promote advanced support of safe operation and environment-friendly services by utilizing ICT technology, which are outlined in the "ISHIN NEXT - MOL SMART SHIP PROJECT-," announced in November 2016.**

calls in 23 ports

AMERIGO: LIBERTY  
BRIDGE: VICTORY BRIDGE:  
INDEPENDENCE BRIDGE  
(New):

Asia - Middle East Gulf: 5 weekly loops, 33 vessels, 57 weekly calls in 25 ports

CIMEX 1: CIMEX 3:  
CIMEX 5: CIMEX 6: CIMEX 7:  
\*Pendulum loop with TPX\*

Asia - Red Sea: 2 weekly loops, 17 vessels, 27 weekly calls in 16 ports

REX 1: REX 2:

Asia - Mediterranean: 4 weekly loops, 41 vessels, 71 weekly calls in 35 ports

MEX1: MEX2: BEX:

PHOEX:

**Ocean Alliance**  
- The world's largest operational agreement between shipping companies

- 4 major actors in the shipping industry: CMA CGM, COSCO, Evergreen and OOCL  
- Launched in Spring 2017

- Long Term duration agreement

CMA CGM, founded by Jacques R. Saadé, is a leading worldwide shipping group.

Its 504 vessels call more than 420 ports in the world on all 5 continents. In 2017, they carried nearly 19 million TEUs (twenty-foot equivalent units).

Now headed by Rodolphe Saadé, CMA CGM enjoys a continuous growth and keeps innovating to offer its customers new maritime, terrestrial, and logistical solutions.

With a presence in 160 countries and through its 755 agencies network, the Group employs more than 30,000 people worldwide, including 2,400 in its headquarters in Marseille.

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## SHI wins a LNGC duo for 370 million USD

### ■ Agencies

- Overseas owner signs 2+2 174K LNGC on BOD approval condition
- Growing demand hints at more LNGC newbuilding orders to come

**Samsung Heavy Industries ("SHI")** revealed on April 4th that a contract for two 174,000m<sup>3</sup> LNG carriers on BOD approval term. The price is 184 million USD per vessel (around KRW 195

characterized by low pressure system assures safe operation for owners. Hong Kong's CLSA Securities said in a recent report that X-DF's popularity is growing in LNG carrier engine market this year.

According to Clarksons Research, gas carrier and containership newbuilding orders are set to increase with steady global economy and seaborne trade growth. Strong LNG carrier spot



billion). The latest LNGCs would be delivered in July and October 2020. The contract comes with option for two.

The LNG carriers would be equipped with Mark-III Flex type containment system with reliquefaction to lower BOG. The vessels are loaded with fuel saving technologies customized for the owner's operational needs.

The vessels are powered by X-DF, the trending dual-fuel engine that can use both natural gas and diesel as fuel. X-DF is highly efficient for it propels with its own power. The engine

rates and increasing usage of LNG as fuel as well as gas demands in power generation all point at strong LNG carrier newbuilding market for years to come. Including 37 this year, total of 194 LNG carriers are to be ordered within the next five years.

A SHI representative stressed "EIA stated that US's natural gas production is to continue growth with export to Asia, especially China, in mind." He added "SHI would continue leadership in LNGC newbuilding market with technological edge."

## Chiquita bananas stay fresh with CA Technology

### ■ BSN Network / Mumbai

**Dedicated to creating more sustainable shipping practices, the world renowned banana producer is further bolstering its fleet or Star Cool Integrated containers and adding more controlled atmosphere systems to deliver premium banana quality.**

The new batch of 2500 Star Cool Integrated™ containers from Maersk Container Industry (MCI) will be deployed in Chiquita Brands International's (Chiquita) shipping services. Of the batch, 1000 integrated containers are equipped with MCI's market-leading Star Cool CA (Controlled Atmosphere) system, which effectively preserves the freshness of bananas during transit. By controlling the ripening, Star Cool CA ensures an extended transportation window of up to 45 days and the arrival of the produce in perfect condition for a prolonged shelf life in the supermarkets.

### Optimal cargo care

Transporting bananas over long distances used to be a challenge. If there is oxygen to consume, the produce will continue to ripen, and it becomes a race against time. With its airtight integrated container design, Star Cool CA precisely balances the atmosphere inside the container and allows shippers to carefully monitor and control the amount

of carbon dioxide, oxygen and nitrogen.

Chiquita is both a leading producer of bananas and an operator of its own substantial shipping fleet through the premier ocean carrier, Great White Fleet Ltd. President Stefano Di Paolo says, "From shipment to shipment, each load can be carefully controlled based on the needs of the cargo. This is essential to deliver best quality bananas to our customers and allows for a transportation window of up to 45 days. The CA technology is robust, effective and easy to control based on each individual shipment."

The well-proven Star Cool CA concept ensures safe operation and fast oxygen pull down. This reduces the speed of the ripening to a minimum, allowing for extended travel distances, optimal freshness and longer shelf life without using supplementary third-party solutions.

"We are very proud that Chiquita has once again selected Star Cool containers to optimise its fruit logistics and help deliver high-quality bananas to the consumers," says Søren Leth Johannsen, Chief Commercial Officer, MCI. "When you say Chiquita, you think bananas, a challenging fruit to transport over longer distances. Therefore, we're very pleased that Chiquita has found first-hand that Star Cool CA is a robust and reliable solution for banana shipping."

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## Finland's Permanent Secretary of MEAE Visits NYK



Third from right, Jari Gustafsson, Finland's permanent secretary of the Ministry of Economic Affairs and Employment

### ■ Agencies

On April 10, Jari Gustafsson, Finland's permanent secretary of the Ministry of Economic Affairs

and Employment (MEAE); government officials; and representatives of seven Finnish maritime companies

— 15 guests in total — visited the NYK head office and met with NYK director and senior managing corporate officer Hidetoshi Maruyama, corporate officers Tomoo Kitayama and Taizo Yoshida, and Yasuo Tanaka, president of MTI Co. Ltd.

Finland's government is actively promoting digitalization and R&D into autonomous vessels to improve the international competitiveness of its shipping industry. During the meeting, the representatives of the Finnish maritime companies introduced their marine technologies, and the NYK Group presented its initiatives in the areas of ship IoT and big data, and an active exchange of opinions followed.

On the same day, the "Finland Arctic Seminar" was held at the Finnish embassy

in Tokyo on the theme of business development in the arctic. A total of 60 guests from maritime affiliated companies and organizations attended and exchanged ideas on business cooperation between the two countries. At the event, Hideyuki Ando, senior general manager of MTI Co. Ltd., made a presentation on IoT and autonomous navigation in the shipping industry.

In accordance with its new medium-term management plan "Staying Ahead 2022 with Digitalization and Green," the NYK Group seeks to create new value by making use of the latest digital technology for innovation in the shipping industry, in addition to building good relationships with the governments of various nations, and companies in the maritime industry.



## Chiquita bananas stay fresh with CA Technology

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### Low energy consumption

Since adding Star Cool Integrated to its fleet, Chiquita has gained first-hand operational knowledge of the low-energy consumption and durable low-weight container design.

In the new batch, the banana producer will also be able to take advantage of MCI's StarConomy™ software, which is proven to halve energy use without compromising the quality of the precious cargo.

Di Paolo, says, "Using Star Cool Integrated containers over the last two years, we are satisfied with the high-quality banana delivery. At the same time, we have achieved significant operational efficiencies and markedly reduced our energy consumption. This goes hand in hand with our commitment to sustainable shipping practices and we are now looking forward to even more power reductions adding the newest technology in this field."

The seamlessly combined design of the Star Cool Integrated container ensures low weight and durability, which in return, translates into tangible operational value throughout the container's 15-year lifetime.

The new 40-foot high cube Star Cool Integrated containers are delivered directly from MCI's manufacturing facility

## JNPT records highest ever traffic of 4.8 million TEUs

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JNPT has been registering a continuous uptick in the traffic handled over the past few quarters and has registered 7.4 growth in container cargo volume during this financial year.

Total liquid cargo volume handled during this year stood at 7.18 million tonnes reflecting 5.98 percent growth over the last financial year.

in Qingdao, China to be transported to Moin, Costa Rica for first loads of fresh bananas destined for the USA and Europe. The containers are supplied to Chiquita under a long-term lease managed by Sun Intermodal Ltd.

Maersk Container Industry (MCI) develops and manufactures refrigerated containers, dry containers and the Star Cool™ refrigeration machine for the intermodal industry, including shipping lines, fruit multinationals and leasing companies. Widely recognised as the most energy-efficient reefer, the Star Cool Integrated™ reefer features innovative technologies such as Controlled Atmosphere (CA). The company employs around 5,000 employees. It has R&D and engineering test facilities in Denmark, two production facilities in China and one in Chile, as well as a global network of 400 service providers. Building on a heritage of more than 100 years in shipping and strong core values, MCI is part of the A.P. Moller - Maersk.

JNPT has five container terminals and the break-up of container cargo indicated that Gateway Terminal handled 2.03 million TEUs, port-owned JNPCT handled 1.48 million TEUs, NSIGT and NSICT together handled 1.30 million TEUs and the newly opened BMCTPL accounted for 23,212 TEUs.

JNPT has been consistently improving its volume and turnover by implementing many trade friendly measures. Several steps under ease of doing business and introduction of Direct Port Delivery (DPD) system have substantially contributed in saving of logistics cost and time for the trade. It is heartening to note that trade has started increasingly accepting DPD mode and its share has gone up to 39.15 percent. The innovative transport solution is offering twin benefits of saving in time and cost.

Speaking on the event announcing the performance, Shri.Gopal Krishna, Secretary, Ministry of Shipping congratulated JNPT and all the terminal operators and said "The government is focussed in creating value for the trade by reducing the logistics cost and time and DPD will assist this process. He also said that all stakeholders should come together and provide more synergy in achieving this goal."

Commenting on the port's overall performance, Shri Neeraj Bansal, Chairman-in-Charge, JNPT said, "I want to congratulate all stakeholders

and EXIM community for extending great support and enable the port in achieving the record volume. JNPT is in the midst of carrying out many trade-friendly measures which will facilitate ease of doing business. Continuous support and encouragement from Shri Nitin Gadkari, Honourable Minister of Shipping and from Ministry of Shipping will further guide us in achieving higher goals".

In March, Inter-Terminal Movement of TTs was availed by 5,42,325 trucks completing 6,72,029 transactions resulting in a total saving of Rs 162 crore to the trade since the start of this initiative.

JNPT is continuously upgrading and expanding its facilities to meet the growing demand. The expansion of container berth and other facilities at JN Port, development of fourth container terminal, deepening and widening of Mumbai Harbour channel and JN Port Channel, Widening of NH-4B, SH-54 and Amra Marg to 6/8 lanes, Modernisation of Cargo Handling Equipment, development of dry ports, satellite port are some of the steps under implementation which will further change the face of JNPT to become the port of call for EXIM trade in India, Shri Bansal added.

The event was attended by all JNPT Terminal operators-GTI, NSICT, NSIGT, BMCTPL, representatives from Railways, CONCOR, MANSA, CSLA, CFSAI, BCBA and other dignitaries.

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<b>Operational Level</b>		<b>1 Day</b>	<b>₹3900/-</b>	<b>₹2900/-*</b>
MEO Class IV CoC holders / ETO trainees who have successfully completed an approved Pre-Sea training course for GME / DME / ATS / ETO or B.E.(Marine).				
<b>Diesel Engine Combustion Gas Simulator - MEO Class-I (DECGS)</b>		<b>3 Days</b>	<b>₹9900/-</b>	<b>Every Month</b>
<b>Liquid Cargo Handling Simulator [LCHS- Oil] Management Level Course</b>		<b>5 Days</b>	<b>9900 / 6900*</b>	<b>1<sup>st</sup> Monday</b>

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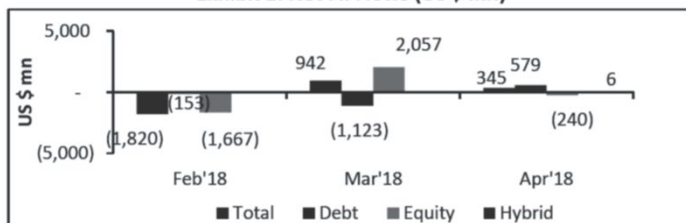


# THE MARKET ROUNDUP

*The Market Roundup for the global and domestic markets for Thursday (12 Apr '18) is as follows:*

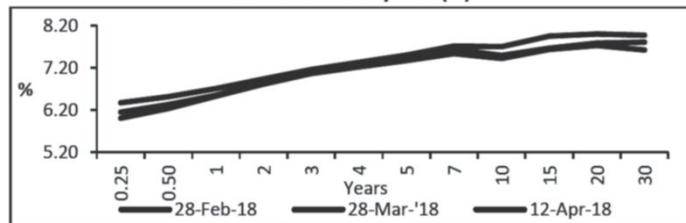
- Global stocks (including U.S. and Europe) inched up with the easing of geopolitical concerns with the US softening its stance on a strike on Syria. Gains in banking, technology and industrial sectors on optimism of stronger corporate earnings' season further supported the market rise.
- US dollar strengthened against the euro and yen on improved risk appetite which led to a rise in equities. The disappointing industrial production data weighed on the Euro.
- US treasury yields rose on improved risk appetite amongst investors and the easing of geo-political tension. Expectation of faster interest rate hikes by the Federal Reserve's following the release of the minutes of the latest meeting also aided the climb in yields.
- Asian markets declined weighed down by geo-political concerns.
- Crude oil prices were supported by the fall in OPEC production and geo-political concerns in the Middle East. Reports of rising non-OPEC output limited the price rise.
- Gold prices fell with the weakness in the US dollar.
- Indian equity markets rose buoyed by information technology stocks amid expectations of stronger corporate earnings.**
- The rupee strengthened against US dollar aided by gains in the domestic equity markets. Selling of US dollars by bankers and exporters further supported the currency.
- GSec rose on increase foreign investor buying of government securities. Concerns over rising crude oil prices and selling by domestic PSU banks kept yields at elevated levels.

Exhibit 1: Net FII Flows (US \$ mn)



Source: NSDL

Exhibit 2: G-Sec yields (%)



Source: FBIL

Source :

CARE Ratings

Table 1: Global Markets indicators

	11.04.2018	12.04.2018	% change
Dow	24,189	24,483	1.21
NASDAQ	7,069	7,140	1.01
S & P 500	2,642	2,664	0.83
Nikkei 225	21,687	21,660	-0.12
FTSE 100	7,257	7,258	0.02
US 10-yr	2.79	2.84	4.58 bps
3 month LIBOR #	2.339	2.342	0.26 bps
Gold	1,360	1,342	-1.33
Crude Oil (WTI)	66.82	67.07	0.37
Crude Oil (Brent)	72.06	72.02	-0.06
€//\$	1.24	1.23	-0.32
\$/¥	106.79	107.33	0.51
£/\$	1.42	1.42	0.36

# data is with a day's lag

(-) Appreciation/ (+) Depreciation

Source: CNN, WSJ, Bloomberg.

Table 2: Domestic Market indicators

	11.04.2018	12.04.2018	% change
Sensex	33,940	34,101	0.47
NIFTY	10,417	10,459	0.40
BSE SME IPO	1,948	1,945	-0.15
\$/Rs	65.31	65.26	-0.08
€/Rs	80.85	80.59	-0.32

Source : RBI ,Economic Times

\* (-) Appreciation/ (+) Depreciation

Table 3: Money Market view

%	11.04.2018	12.04.2018
Avg. call rate	5.87	5.84
Vol. Traded (Rs. Cr.)	10,774	12,990
MIBOR (overnight)	6.00	6.00
Rev repo flows (Rs.cr)	39,604	51,860
Repo flows (Rs.cr)	3,810	2,760
O/S Term Repo (Rs. cr)	89,788	89,788
O/S Term Reverse Repo(Rs.cr)	141,058	1,54,573
T-Bills 91 days	6.10	6.10
182 days	6.30	6.20
364 days	6.47	6.47
G-Sec 3 years	6.87	6.90
5 years	7.37	7.36
10 years	7.54	7.47

Source: RBI, FBIL

Table 4: Corporate bond spreads over G-sec (%)

10 Year	15 Mar'18	28 Mar'18	10 Year	15 Mar'18	28 Mar'18
AAA	0.62	0.46	A	2.95	2.92
AA+	0.87	0.74	A	3.45	3.42
AA	1.13	1.04	BBB+	4.45	4.42
AA-	1.45	1.42	BBB	4.70	4.67
A+	2.45	2.42	BBB-	4.95	4.92

Source: FIMMDA



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## Nitin Gadkari Addresses Korea-India Infrastructure Cooperation Forum

■ **BSN Network** / New Delhi

On the fourth day of his visit to the Republic of Korea, Union Minister of Road Transport and Highways, Shipping, Water Resources, River Development and Ganga Rejuvenation Shri Nitin Gadkari addressed the delegates of the Korea-India Infrastructure Cooperation Forum in Seoul. Leading members from the infrastructure business of both countries participated and exchanged views on the potential for doing business for mutual benefit.

Speaking on the occasion Shri Gadkari said that India has plans to construct 12 expressways with an investment of over Rs 1 lakh crore. This, he said, would present huge opportunities for Korean businesses. Similarly developing the national waterways for commercial navigation in India, and the plans to develop shipbuilding, fisheries and the port sector will also create investment opportunities, he said. Shri Gadkari also conveyed the Indian Government's commitment for facilitating all foreign businesses who wished to invest in India.

Shri Gadkari earlier met the leading members of the Korean Financial Sector to explore ways of greater RoK involvement in financing interlinking of rivers, highway construction, developing logistics parks and shipbuilding activity in India. An important part of the cooperation would be to enhance training and discussion among experts from both sides. Indian highway engineers and shipbuilding engineers can be trained at specialised training institutions of Republic of Korea to expose them to the systems in place there. Korean companies expressed keenness to work on the Nagpur Mumbai expressway project.

Shri Gadkari also met the Korean Minister for Land and Infrastructure (MOLIT) Ms Kim Mee Hyun in Seoul. The two Ministers discussed the prospects of cooperation in developing smart highways. Ms Hyun said that RoK is committed to enhance cooperation based on the commitments made during the visit of PM Modi in 2015. A draft Memorandum of Cooperation in the Infra sector is likely to be finalised soon.

## IRClass receives authorisation as Recognised Organisation (RO) from Netherlands

■ **BSN Network** / Mumbai

Indian Register of Shipping (IRClass), a leading classification society, has received authorisation as a Recognised Organisation (RO) from Netherlands' flag administration.

The authorisation comes just months after IRClass received authorisation from Europe's largest flag Malta in December last year.

Netherlands ranks fourth according to performance ranking released by Paris MOU. To date, IRClass has secured authorisation from four European flags including Latvia and Bulgaria – all within the past year or so.

The RO code agreement was signed recently at a small event attended by Roeland Nieuweboer – Director, Inspectorate for Human Environment and Transport (ILT).

Mr. P K Mishra, Vice President and Regional

Manager – Europe and Americas said today: "This recognition is indicative of the growing presence of IRClass within Europe – towards



becoming a globally-recognised classification society, and our commitment to provide prompt and value-added services to European shipowners."

He added: "With Netherlands added to the list of flags which have authorised IRClass, we are confident of securing authorisation from the other European flags, as well as expanding our business in the Northern European countries including Denmark, Finland, Iceland, Ireland, Lithuania, Norway, Sweden and United Kingdom."



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