



NOTES FROM THE SECRETARIAT

I am delighted to be appointed ABTO Chief Executive. For our members, many of whom, I have met over the course of the past three years, the transition will be seamless and business as usual. I would like to pay tribute to Ian as the driving force behind ABTO's success. Ian hands over a vibrant organisation that is well supported by its membership, a good working relationship with ICHCA International, with whom we attend a number of IMO committees and has very successful publishing and conferencing divisions. He will continue to support me as Technical Advisor.

It is the conferencing division that I have mainly been responsible for, and this will continue. In the three years we have staged two successful Bulk Terminals conferences, our first in London, last year in Hamburg and we will be going to Amsterdam this year.

Bulk Terminals 2019 in Amsterdam will kick-off with an inspirational case study of how Redcar Bulk Terminal turned its fortunes around after losing a customer representing 95% of their throughput. Stevedore safety continues to be a top priority and we will examine issues ranging from fumigation and CO2 hazards to collision avoidance. The environment and GHG emissions continue to move steadily up the agenda. What should terminals attitude be to scrubbers, which a significant percentage of the merchant fleet have invested in?

Dry bulk terminals lag behind their liquid cousins in marketing themselves. New for 2019 will be an interactive Marketing and Branding Workshop, to learn and practice the techniques to promote your terminals effectively.

All of us at ABTO look forward to welcoming you to Bulk Terminals 2019 in Amsterdam this October.



Yours aye,
Simon

NEWS IN BRIEF

AAL EUROPEAN SERVICE

AAL Europe has formally launched a service offering regular sailings and flexible port calls between Northern Europe (ARA range and the Baltic region), Middle East, South East Asia and over to the Far East.

The service's backbone will be the carrier's 19,000 dwt S-Class heavy lift vessels (700t max lift) and complemented by ad-hoc sailings of its A-Class and W-Class MPV fleet, to provide customers the assurance of frequent sailings and tonnage options.

Eike Muentz, AAL Europe's General Manager commented: "With multiple cargo stowage configurations on deck and in secure holds a key feature of the S-Class design – along with a significant 700 t max lift – is that we can accommodate a huge variety of cargo types from large and heavy project cargo, to breakbulk, steel and dry bulk commodities."

VALE ASSETS FROZEN

A Brazilian state judge convicted Brazilian commodities giant Vale on July 9 for damages caused by the January rupture of a tailings dam that killed at least 240 people.

The US\$2.89bn in Vale assets already frozen by courts is expected to remain blocked.

SINGAPORE TOPS PORT SERVICES LIST FOR SIXTH YEAR RUNNING

Singapore has come out on top for the sixth year running in terms of performance of cities offering port and shipping business services.

The 2019 Xinhua-Baltic International Shipping Centre Development Index assesses port throughput and facilities offered, as well as services offered at the port and the business environment in general. Second in line this year was Hong Kong, followed by London.

Commenting on this year's performance, Lu Su Ling, head of Baltic Exchange Asia, said "Singapore commands a strategic position as a maritime hub in the regional and global arena. The maritime industry is, and will remain, a big contributor to Singapore's economy and it is therefore important that we continue to innovate and invest in this sector to achieve long-term success."

Dr Lam Pin Min, Senior Minister of State, Ministry of Transport and Ministry of Health described the survey result as a vote of confidence to the quality of services offered by the Port of Singapore, as well as the more conducive business environment that facilitates an array of maritime activities in Singapore. This would not have been possible without the strong support from the maritime establishments, industry partners and unions.

Xu Yu Chang, President of The China Economic Information Service added: "Shipping is an essential method of international trade transportation and has become a significant pillar in the evolution of globalisation. Over the years, the joint index by Xinhua and the Baltic Exchange has become a globally recognisable evaluation tool for shipping centres around the world. In the context of continued globalisation, I believe our index will play an even greater role in optimising the allocation of global shipping resources and promoting the scientific development of international shipping centres in the future."

Based on the evaluation scores, Singapore shows strength in ship management and shipbroking services, while Hong Kong is benefitting from China's Belt and Road Initiative and economic opportunities in the Guangdong-Hong Kong-Macau Greater Bay Area.

London's services in shipbroking, legal and shipping finance were also highlighted. As important cities in emerging economies, Shanghai and Dubai are catching up with London in their level of shipping development, and were ranked fourth and fifth respectively.

NEWS IN BRIEF

RAPID REPAIRS FOR SRI LANKA

Leading Sri Lankan shipbuilding and ship repair service provider Colombo Dockyard has established a dedicated unit to handle speedy ship repairs afloat at all Sri Lankan ports.

The Rapid Response Afloat Repair Service was officially launched at the end of May following two years of preliminary service provision which gained the confidence of the shipping community with vessels calling at ports located in Sri Lankan waters. The new service was developed to fill a service gap at one of the busiest hub ports in the South East Asian region. The service is available in the ports of Colombo, Galle, Trincomalee, and Hambantota.

SCORPIO STOPS EMISSIONS WITH ENVI

Scorpio Tankers has ordered a further 14 ENVI-Marine emission control systems for vessels it owns or manages in 2020, at a combined cost of USD\$20.3m. The order is on top of the 52 Systems already ordered by Scorpio Tankers, as announced in December 2018. The systems that are being fitted are a 'hybrid ready' design, which allows them to be upgraded to a closed loop configuration at a future date. The debate between open and closed loop scrubber systems has been continuing over recent months.

CORONA DYNAMIC DELIVERED

'K' Line has recently taken delivery of the Corona Dynamic, a 91,000dwt special coal carrier from Oshima Shipbuilding. The ship joins 'K' Line's specialised fleet for transport of thermal coal known as the Corona-series whose wide beam and shallow draught makes it most suitable to enter Japanese ports.

NEWS IN BRIEF

SHIP DATABASE LAUNCHED

GNS, the maritime technology company, has launched Voyager Global Fleet, a fully searchable global database of over 120,000 vessels, shipowners, operators and managers.

Users will be able to quickly and easily filter and search the global fleet of IMO-registered vessels using over 100 different search criteria, view results both in data tables and spatially on a map, generate their own customised reports and export the data at a single click for further analysis and use in their own forms, spreadsheets and systems.

The system also enables organisations to add their own proprietary data sets for private and exclusive use to enhance customer knowledge, improve sales targeting and enhance after sales service and support.

MPA INKS MOU ON SILK ROAD

The Maritime and Port Authority of Singapore has signed a Memorandum of Understanding with the Waterborne Transport Research Institute, an agency under China's Ministry of Transport during the 2019 Maritime Silk Road Port International Cooperation Forum .

The MOU seeks to enhance cooperation in information exchange and research and development between the two agencies, in areas such as smart port technology, maritime safety, and environmental protection.

Singapore hopes to contribute to this effort by collaborating with China in the areas of digitalisation such as electronic exchange of certificates and bills of lading to enhance port and supply chain efficiencies.

TT CLUB WARNS ON CARGO THEFT

TT Club and BSI Supply Chain Services & Solutions have recently published their full year analysis of cargo theft, together with some tips on loss prevention.

According to the report the risk of cargo theft continues to plague the industry and the companies warn in addition to the direct financial costs there are hidden and often more significant consequences connected to loss of market and brand reputation. Proceeds from cargo theft can also be used to finance other illegal trades.

Overall, food and beverages, alcohol and tobacco and consumer products account for 49% of all cargo stolen globally, according to the study. Electronics and clothing account for another 12% respectively and together make up the top 5 targeted commodities.

There are regional variations in illegal activity. In Europe, over 75% of cargo theft occurs whilst in transit; with 'slash and grab' tactics reflecting a combination of the very low number of secure parking locations and the lack of enforcement resource to target this type of crime across Europe. The United Kingdom accounts for an overwhelming 86% of reported incidents.

Across Asia, China and India are the countries where cargo theft is most frequently recorded. The most commonly targeted commodities in the region are food and beverages, metals and electronics, most likely influenced by local market conditions. Whilst theft of cargo in transit is prevalent, the insider threat is more pronounced, as is the risk of theft from warehouse facilities.

In the Middle East and Africa region cargo in transit is heavily targeted. Corruption in the region also plays a significant role in cargo theft incidents.

In North America perpetrators focus on unattended and unsecured vehicles employing much more aggressive and violent tactics employed by criminals in Mexico and the Central American countries.

The risk presented by the "insider" is also growing, according to the report and the recruitment of insiders becomes a more attractive proposition for those attempting to gain access. The report highlights the importance of due diligence through recruitment and maintaining sound management controls. It is recommended that organisations implement layers of defence, starting with physical aspects, followed by clear management level procedures and policies.

BULK TERMINALS

SUMMER 2019 *international*

THE OFFICIAL MAGAZINE OF THE ASSOCIATION OF BULK TERMINAL OPERATORS



OUTLOOK!

AFRICAN ODYSSEY

Companies get the green light to invest in the booming continent

IRON AGE

Why iron ore is in the crosshairs of a US/China trade war

CLASS ACT

Classification societies take a smart approach to ship design

abto
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TERMINAL OPERATORS

bulkterminals.org

BULK TERMINALS 2019

The only event aimed at the
whole Bulk Terminals Industry

The Annual Association of Bulk Terminal Operators (ABTO) Conference

8-9 October 2019, Mövenpick Hotel Amsterdam City Centre

KEY SPEAKERS INCLUDE:

Professor Mike Bradley
The Wolfson Centre

Dr Penelope Cooke
Brookes Bell

Captain Richard Brough
Brough Marine and ICHCA
International

Fergal Buttimer
Buttimer Engineering Group

Anthony van der Hoest
MTBS

Garry O'Malley Redcar
Bulk Terminal

Peter Göransson
Siwertell AB

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For more details, visit: bulkterminals.org/events.html

GOOD PROSPECTS POST SULPHUR 2020 SAY OWNERS

Dry bulk operators were upbeat about prospects for the segment following the introduction of new sulphur regulations at the beginning of next year with a recent webinar organised by Capital Link exploring the likely effects of either using scrubbing technology or waiting to see what prices are likely to do for bunker fuel.

According to Scorpio Bulkers president Robert Bugbee one result of Sulphur 2020 was that it would create a differentiation between those vessels that have lower fuel consumption because fuel pricing will be higher, and between those vessels that have scrubbers installed and those that don't, because the cost of high sulphur fuel will be considerably lower.

One question Bugbee posed was how the fleet would evolve in a period of higher fuel prices. Owners of dry bulk ships, particularly larger bulkers, have been investing heavily in scrubber technology, with estimates that between one-quarter and one-third of Capesizes will have scrubbers installed. The general feeling was that Sulphur 2020 was good news for the bulk segment as a whole. Higher fuel prices would mean higher freight rates and charter rates.

While it was to some extent a question of waiting and seeing what happens when the new rules come into force, the view was that owners were likely to want to move away from time charters towards voyage charters or placing ships in the spot market. One view according to Hamish Norton, president of Star Bulk, was that owners would prefer fleets to be on voyage charter so while fuel would be at their expense and any savings to their benefit. Bugbee added that there were likely to be increasing number of vessels operating in the spot market.

Polys Hajioannou, chief executive officer of Safe Bulkers, said most of the shipowners will have a lot of ships in the spot market now, because it would be silly to tie them up on period charters of one or two years before the price spread was known. He added there was unlikely to be a clear picture on the spread before October at the earliest, so it was inadvisable to fix ships for any lengthy period before then.

Presentations by key players from Scorpio Bulkers, Safe Bulkers and Star Bulk suggested that they were upbeat about the market for key products like iron ore, steel and soya and coal as the fall-out from the turmoil following the Vale dam collapse continued to affect the market.

NEWS IN BRIEF

SMART SHIP APPROVED

Classification society ClassNK has confirmed type approval certification for SMARTShip, the patented digital shipping solution developed by Alpha Ori Technologies.

SMARTShip, an Internet of Things (IoT) platform that enables the onboard operation of multiple systems with varying degrees of autonomy, has already been installed on more than 30 vessels. Another 60 ships are at various stages of the set-up process.

AOT's SMARTShip platform aims to take a holistic approach to solving maritime pain-point issues for every stakeholder in the logistics value chain. Data is collected from all parts of the ship to create a platform which connects disparate systems. This enables the continual monitoring and collection of data, helping crew and managers make rules-based decisions.

ICS ISSUES 2020 GUIDE

The International Chamber of Shipping has issued updated guidance to help shipowners comply with Sulphur 2020 rules.

The ICS guidance incorporates the latest IMO decisions addressing issues such as fuel oil non-availability reporting, fuel safety and fuel quality.

The updated guidelines Compliance with the 2020 'Global Sulphur Cap', contains details of the new requirements to allow on board sampling to verify fuel oil compliance, includes a new section on managing different fuels, an updated FAQ and a new appendix with the IMO standard template Fuel Oil Non-Availability Report.



NEWS IN BRIEF

WHAT LURKS IN THE WATER?

Microbiology specialist LuminUltra Technologies has introduced GeneCount, a new suite of DNA-based monitoring tools aimed at identifying organisms in water systems.

Using technology developed in-house and through the acquisition last year of InstantLabs, a developer of DNA-based measurement technologies, GeneCount complements LuminUltra's flagship ATP water microbiology measurement kits with technologies to quickly and easily identify the type of organisms found in all types of water systems.

Taking the prevention of biofouling in cooling water and processing systems as an example, hypochlorite dosage rates could be increased or decreased according to the presence and quantities of specific microbes of concern.

This offers the potential to reducing operational costs by optimising the amount of chemicals used, extending asset life through reducing corrosion impacts, and reducing the risk of health and environment risks.

Another area in which GeneCount could be used is in the ongoing research into the transfer of aquatic species by ships through ballast water.

UK OUTLINES ITS PLAN FOR A CLEAN MARITIME FUTURE

The UK's shipping minister Nusrat Ghani has just released the Clean Maritime Plan, the UK's route map to clean growth for the maritime sector and pathway to zero-emission shipping. The plan is the environment route map of Maritime 2050. It identifies ways to tackle air pollutants and greenhouse gas emissions in parallel while securing clean growth opportunities for the UK. "A cleaner shipping industry will help make the air we breathe cleaner and safer, and create a healthy environment for the future," Ghani said.

"A global transition to clean shipping is taking place, presenting significant opportunities for economic growth. Research undertaken for the government suggests the global market for maritime emission reduction technologies could reach £11 billion per year by 2050, potentially resulting in economic benefits to the UK of £510 million per year," Ghani said.

Key commitments under the plan include:

A call for evidence in 2020 on non-tax incentives to support the transition to zero emission shipping, as well as a consultation on how the Renewable Transport Fuel Obligation could be used to encourage the uptake of low carbon fuels in maritime, and a green finance initiative for maritime, which will be launched at London International Shipping Week in September.

Government support for clean maritime innovation in the UK including funding of £1.3 million to support clean maritime innovation through MarRI-UK and a Maritime Emissions Regulation Advisory Service, in place by 2020, to provide dedicated support to innovators using zero emission propulsion technologies. The plan also contains a number of zero-emission shipping ambitions, outlining the government's vision for the future of zero-emission shipping and the milestones that will need to be achieved to reach it.

Hazardous Cargoes Forum

17-18 September 2019
Novotel Clarke Quay
Singapore

Prevent Liquefaction of Bulk Cargoes

Port and Terminal Operations for Bulk Cargoes 2020

NEW
for
2020
Practical
Workshop

10-11 March 2020
Optional Practical Workshop: 12 March 2020

Subjects covered include:

- » Ship unloading technologies
- » Conveying technologies
- » Storage and discharge technologies
- » Loading and unloading control
- » Rail and road out loading equipment and control
- » Explosion and fire risks and management
- » Mobile plant and safety
- » Developments in automation and autonomous vehicles
- » Dust control and environmental protection
- » Controlling cargo damage
- » Wear protection and maintenance
- » Cargo characterisation for handleability and other issues
- » Practical Workshop: our first course earlier this year included a visit to The Wolfson Centre's pilot plant. Interest was such that in 2020 we will be offering an optional Practical Workshop, to be held in its on-site industrial-scale pilot plant.

**University
of Greenwich Medway
Campus, Chatham Maritime, Kent, UK**

For anyone concerned about or responsible for the safe handling and storage of bulk materials in ports and on the sea

Course Leader: Mike Bradley, Professor of Bulk and Particulate Technologies and Director of The Wolfson Centre

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