

OFFSHORE CS NEWS “THE TIP” MARITIME



Message from the Executive Director

I hope that this New Year brings happiness, peace and health to you and your dear ones.

We are pleased to present our new quarterly e-news “The Tip”, launched successfully in March 2019. The focus remains to share and stay connected with our clients, vessels, maritime/offshore industry and other interests’ happenings globally.

We acknowledge the time constraints and the many news sources that are being circulated for your attention, thus we offer a brief outlook.

2018, has been an eventful year, as we have added 4 vessels into our management. Our consistent and performance filled relationship with the maritime stake holders has earned us the prestigious - “Offshore Marine Award for Owners & Operators” at the Sea trade Maritime Awards & “Outstanding Performance in Maritime Services” for Transport and Logistics Excellence Award.

Our fleet has performed tirelessly 24x7 and with commendable operational uptime. Over the decade our safety record in general has been praiseworthy with nil major incidents to record.

We are gearing up to support our esteemed clients in ways of new IMO regulations – the most talked about being is the 0.5% Sulphur compliance.

We appreciate the confidence that all of our clients, owners, vendors, associates and employees have placed in us and in our work.

We sincerely thank all our clients and the maritime interests for the continued confidence and support bestowed in us.



Mr. Balbir Singh Nagi

Maritime News

“Marine Fuel Optimization Market”

Marine Fuel Optimization is a multi-level approach to measuring, monitoring, and reporting fuel usage on a boat or ship, with the goals of reducing fuel usage, increasing operational efficiency, and improving fleet management oversight. Marine Fuel Optimization has grown in importance due to the rising costs of marine fuel and increased governmental stresses to reduce the pollution generated by the world's fleet.



Marine Fuel Optimization includes Throttle Optimization, Fuel Theft Detection, Tank Levels Monitoring and Bunker & Fuel Transfers, etc. Vessel operators have the most control over fuel usage by the way they use the engine(s) throttle. Wind, current, hull condition, load, and propulsion system health can all impact fuel burn both positively or negatively. Some modern fuel optimization systems are designed to perform these calculations while underway and make recommendations to the vessel master. In some parts of the world, fuel theft is an ongoing concern. Consequently, the accurate measurement of fuel taken on board coupled with the fuel actually consumed by engines and generators, is an important part of Marine Fuel Optimization.

Source: Wiseguyreports.com

Owners Urged to Look Beyond 2020 Compliance Solution

The marine sector should look beyond just the initial choice of compliance solution ahead of the impending 0.5% global Sulphur cap, according to Finland-based provider of fuel supply systems Auramarine.

The company added that the industry needs to fully understand the operational impact of using and switching to new low Sulphur fuels and distillate products.

Without this understanding or by not using best-in-class fuel supply systems, ship owners and operators risk engine damage and potentially catastrophic failure, as well as unexpected costs and unplanned downtime, the supplier explained.

Many of the main and auxiliary engines of vessels currently in operation may originally have been designed to run on fuels that differ from the new low sulphur products that are compliant with the pending regulations. The company said that maintaining the correct fuel viscosity and temperature at the engine inlet is crucial regardless of the fuel in use, and the fuel supply system needs to be able to deliver the fuel at the engine inlet as specified by the engine maker in order to guarantee efficient combustion.

"Assessing new technologies or practices is only the first step on the journey towards safe, efficient and compliant operations in a post-2020 environment. Ship owners also need to consider the potential impact that these significant operational changes will have on engines and therefore vessel performance. It is crucial that ship owners thoroughly evaluate the exact needs of their vessels at the outset of assessing which compliance solution they will employ, and set in place an efficient and effective fuel supply system that will not only protect the operational integrity of the vessel but also their profitability," Ole Skatka Jensen, Chief Executive Officer, Auramarine, said.

"Whichever compliance solution is employed, effective and comprehensive management of fuel supply and fuel switching, combined with proactive condition monitoring, can ultimately become the difference between a safe, compliant and efficient vessel, and unintended downtime, lost profitability and potentially catastrophic engine damage."

Source: World Maritime News

Offshore News

Nigeria: Total starts up production of the Giant Egina Field

Total has started up production on December 29, 2018 from the Egina field, located in around 1,600 meters of water depths, 150 kilometers off the coast of Nigeria. At plateau, the Egina field will produce 200,000 barrels of oil per day, which represents about 10% of Nigeria's production.

The Floating Production Storage and Offloading (FPSO) unit used to develop the giant Egina field is the largest one Total has ever built. This project has also involved a record level of local contractors.



Source: Total Press release

Exxon makes gas discovery at Glaucus-1 well, offshore Cyprus

ExxonMobil has completed the drilling of the second exploration well in the Block 10 offshore Cyprus and has made a gas discovery



Source: Offshoreenergytoday.com

Classification related

Under the depressed markets – many Owners have shifted to the block fee arrangement being offered by various classification societies. Under which the normal yearly fee is substantially reduced to suit the Owners budgets. The package normally covers all the surveys including the statutory ones.

Shell Outlines First Short-Term Carbon Emission

Royal Dutch Shell has set its first-ever short-term goals to cut the carbon footprint of its operations and product sales as the oil and gas industry is under intense investor and shareholder pressure to address to climate change. In its annual report, Shell said that in early 2019, it had decided to set a "Net Carbon Footprint target" for 2021 to lower its carbon footprint by 2-3 percent compared to the 2016 Net Carbon Footprint of 79 grams of CO2 equivalent per megajoule.



Source: Oilprice.com

Dangote, Chevron Nigeria Sign Historic Agreement on Gas Supply

Dangote Fertilizer Limited (www.Dangote.com) has entered into a long-term agreement with Chevron Nigeria Limited (CNL) for the delivery of Natural Gas from Chevron's supply portfolio to the fertilizer plant, which is poised to start operations soon. The contract, under the Gas Sale and Aggregation Agreement (GSAA) is part of International Oil Company (IOC)'s gas obligation to the domestic market through the Gas Aggregation Company Limited (GACN).



Source: Africanews

One killed, five kidnapped in pirate attack on offshore support vessel in Nigeria

Pirates armed with machine guns attacked an offshore support vessel offshore Nigeria last Saturday, kidnapped five men, and escaped. A Nigerian navy guard was killed in the attack.



Source: Offshoreenergytoday.com

BRAIN TEASERS

Feed me and I live, yet give me a drink and I die. Who am I?

*** Answer on page 10

Our Laurels



2018 – Winner

“Outstanding Performance in Maritime Services 2018” at Transport & Logistics Middle East Excellence Awards



2018 – Finalist

“Offshore Marine Award for Owners & Operators” at Seatrade Maritime Awards

2016 – Winner

“Offshore Marine Development – Africa” at Seatrade Maritime Awards



2016 – Winner

Mr. Balbir Singh Nagi, Executive Director of CS Group was awarded “Maritime Excellence Award”.



2015 – Finalist

“Offshore Marine Award for Owners & Operators” at Seatrade Maritime Awards

2014 – Winner

“Offshore Marine Development – Africa” at Seatrade Maritime Awards

“WORK HARD IN SILENCE. LET SUCCESS BE YOUR NOISE” – FRANK OCEAN

Environment

Plastic pollution is affecting marine life – HOW & WHY?

Microplastics, abandoned fishing gear and other plastic pollution are among our biggest environmental threats. It's hurting sea animals and making them sick.

Plastic waste is littering our oceans and threatening the lives of millions of marine animals. Seals, whales, dolphins, seabirds, fish, crabs and many other sea animals are dying and becoming sick because of this deadly environmental concern.

Negligence is the main cause. In fact, it is estimated that 80% of marine litter comes from land. This pollution comes mainly from household waste, which is poorly recycled, dumped in landfills or abandoned in nature. This waste is carried by the winds, pushed by the rains into sewers, streams, rivers, and finally in the oceans. Natural disasters such as floods must be considered as other causes of plastic pollution as well.

Microplastics are a major part of the issue. Microplastics are tiny pieces of plastic which come from larger plastics that have degraded over time. Sea animals often eat microplastics because of their small size. And plastic contains toxic chemicals, which can increase the chance of disease and affect reproduction. After ingesting microplastics, seals, and other animals, may suffer for months or years before they die.

Plastic pollution can take different forms including:

- ⇒ *The accumulation of waste*
- ⇒ *The accumulation of marine litter, fragments or microparticles of plastics and non-biodegradable fishing nets, which continue to trap wild life and waste*
- ⇒ *waste causing death of animals by ingestion of plastic objects*
- ⇒ *The arrival of microplastics and microbeads of plastics from cosmetic and body care products*

What is ghost gear and how is it connected to microplastics?

Ghost gear is the name given to fishing equipment which has been abandoned or lost in the sea. Nets and other man-made equipment can entangle and kill whales, dolphins, turtles, seals and other sea animals.

It's likely that as the volume of ghost gear in our oceans increases, the volume of microplastics will increase too. But we do know more and more fishing gear is being left in our oceans, and as this breaks down into microplastics, more animals could be poisoned.

How to solve plastic pollution?

Aside from cleaning up our oceans, which is a very significant first step but not a long-term solution, the best way to address plastic pollution is to change our mindsets and habits with this controversial but nonetheless very useful material:



1.Reduce

To efficiently reduce plastic pollution, there is an evident need of reducing our usage of plastic. It means changing our everyday behaviours and not using plastic when there is a better alternative to it and only using plastic when strictly necessary.



2.Reuse

Plastic may cause pollution when poorly managed but it has lots of advantages too, such as being resistant. Many plastic items can therefore be reused or used for different purposes. Before throwing plastic items, it is important to consider how they can be reused.



3.Recycle

Plastic recycling consists of collecting plastic waste and reprocessing it into new products, to reduce the amount of plastic in the waste stream.



4.Educate

Another crucial solution is education in order to increase awareness and behavioural change.

Cyber Security in the maritime industry

Being cyber aware is the first step to your Internet safety. It is important to raise one's awareness into cyber risk and how it can affect ship and shore operations.

Hackers today are being more and more sophisticated, so by the time someone realize that something goes wrong, it is usually too late. This is why cyber security is an issue of mindset and culture.

With cyber threats constantly evolving, cyber related processes on board ships need to successfully provide protection against cyber-attacks. For this reason, BIMCO along with several maritime industry organizations published the third version of the 'Guidelines on Cyber Security onboard Ships'.

Cyber safety incidents can occur as the result of:

- A cyber security incident, which affects the availability and integrity of OT, for example corruption of chart data held in an Electronic Chart Display and Information System (ECDIS)
- A failure happening during software maintenance and patching
- Loss of or manipulation of external sensor data, critical for the operation of a ship. This includes but is not limited to Global Navigation Satellite Systems (GNSS)

DNV GL recommends:

- ⇒ Research the facts behind e-mails and their attachments
- ⇒ Make sure external drives and USBs are clean
- ⇒ Be aware when third parties access your systems or data
- ⇒ Protect your passwords
- ⇒ Never connect personal items to the ship's critical systems
- ⇒ Never use external Wi-Fi for company e-mails or downloads unless the network is safe
- ⇒ Learn how backup and restore is done on your ship
- ⇒ Always report errors and mistakes
- ⇒ Educate yourself on cyber risks

THINK BEFORE YOU CLICK!
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Source: Maritime Security & Offshore Patrol week

News from HR desk

Health & Leisure

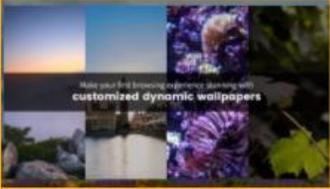
5 OFFICE YOGA TIPS
TO KEEP YOUR MIND CLEAR AND
BODY HEALTHY AT WORK

1 
Chair stretching
Refresh and recharge while sitting on your chair by slowly flexing and rotating your joints. Take a five-minute break and work from your toes to your neck.

2 
Muscular relaxation
Relaxing the muscles will help your body to regenerate. All you need to do is to contract your feet and let them drop naturally into ease. Then continue contracting and releasing the calves, thighs, buttocks, belly, chest, lower back, upper back, arms, shoulders, neck and face muscles.

3 
Relaxing the mind
Simply close your eyes and imagine yourself in a beautiful place, surrounded by peaceful things.

4 
Eye massage
Rub your palms against each other until you feel warmth. Then place your gently cupped palms over your eyes and allow your eyes to relax.

5 
Limestone
Limestone personalized dashboard Chrome extension is a great aid for relaxation. Choose a beautiful wallpaper image and look at it, then close your eyes and visualize it until you feel relaxed.

Offered by Limestoneow.com

*** Fire

"United with Colors"
CS Team celebrates HOLI



OUR TAG LINE
"DELIVERING BEST PRACTICES"

Available 24/7 for all your offshore needs

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