



MAIN NEWS

ESM bags MPA safety awards for second consecutive year

ESM was awarded the Outstanding Contribution to Search and Rescue Efforts conducted in 2020 by the Maritime and Port Authority of Singapore for the second consecutive year. Separately, Executive Offshore Pte Ltd received a letter of commendation for Outstanding Corporate Contribution to Safety at Sea 2020, announced during MPA's International Safety@Sea webinar on the 30th of August'21.

Congratulating the winners, Ms Quah Lay Hoon, Chief Executive, MPA said, "Against the most challenging times, we must continue to do our

key part to ensure safety at sea." MPA's Safety@Sea awards recognizes outstanding commitment and contributions to safety at sea. Reviewed by the National Maritime Safety at Sea Council (NMSSC), it comprises different categories including Search and Rescue, consistent records of low incident rates or high safety scores, or international/local accreditation for innovative and technological solutions in maritime safety.

ESM was recognized for a successful SAR conducted by managed vessel MT Godam on 04 December 2020 where two stranded fishermen were rescued in the vicinity of Kirkcaldie Reef in Torres Straits (Australia). The two men were spotted clinging to a timber plank while the vessel was in pilotage. Amidst rough conditions with

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ESM NEWS

Crew changes continue amidst global Delta variant surge

Sixty vessel crew changeovers were conducted in the month of August. Prioritizing the safety and good health of the crew, a total of 3000 seafarers onboard and on leave are currently fully vaccinated. The number of vaccinated seafarers in the ESM pool is increasing steadily, and arrangements are presently being made to line up more vessels for vaccinations at available ports such as that in the United States of America.

Global situation

Many countries such as Australia, New Zealand, certain parts of USA etc are presently

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SAFETY MOMENT OF THE MONTH

Prevent work injuries by using proper equipment

*** The monthly safety moment is collected from various sources associated with the Maritime industry for educational purpose and is not necessarily an actual incident from the ESM fleet. ***



Two engine room crew were attending to the main engine fuel backwash filter alarm. They suspected the

issue was a clogged pipe or air trapped in the line to the differential pressure cell. As one crew loosened the copper pipe ferule connection to purge the line, the pipe came apart, releasing hot fuel on his hands. The victim was wearing cotton gloves, which became soaked with hot oil. It was later observed that the skin on his thumb was peeling off, and blisters had developed. First aid

was administered, and he was sent to a shore facility at the next port for subsequent medical care.

Investigations showed the system being worked on had not been isolated and vented to release the pressure.

Lessons learned

- Proper isolation and lockout ('lockout/tagout', LOTO) must be completed before carrying out maintenance on any equipment. Ask yourself 'Is there any potential energy in this system?'
- Work permits, properly completed before the task begins, are the basis for safe and successful outcomes.
- Cotton gloves are not the best protection against work injuries.

World Maritime Day

ESM extends our warm greetings for World Maritime Day (30th September 2021).



Letter from ESM

The weather has been inclement around the globe, festered not just by COVID but a wide range of natural calamities ranging from storms, flood, wildfires, earthquakes, and the political disturbances bringing in human miseries in many folds. As we watch in dismay and face the new challenges, we realised we have plenty to acknowledge and gratefully count the blessings for our individual, corporate and community lives, even during the month gone by.

One of the top news bringing cheer was ESM clinching the prestigious Safety award for the second consecutive year from the Maritime and Port Authority of Singapore. A recognition of safety commitment of the company and its outstanding display by the sailing staff on board the ESM ships. In fact, the report of the two other rescues carried out during this month speaks of the great sense of professional seamanship always carried out by our crew. We are indeed proud of each one of you and hearty congratulations for your unwavering professionalism.

New way of looking at things brings out new way of doing things, and one such result is the remote loading and discharging operation made possible by our operations team. This was done by successfully loading a high value cargo like a 27.4 m long yacht, delivering equally at ease while monitoring and guiding via TV screens and monitors from office/home without any Superintendent setting foot onboard the vessel. Indeed, a great example of innovative technology as well as the ship shore collaboration. We are certain, the trend will be strengthened further, and are going to see more of such new ideas in our day-to-day operations with new challenges being posed by COVID.

The role of physical activities in enjoying a full and meaningful life can be never undermined, wherever we are on this planet as our health report highlights once again. Meanwhile, the team onboard FS Endeavor celebrating India's Independence Day with great fun fare and gusto is indeed a treat to watch and relish. We hope such camaraderie and sharing of good times will keep such moments memorable lifelong for all onboard. We hope to hear more such stories from our fleets in future. Well, done FS Endeavor!

SIMS continues to outperform itself in every opportunity by breaking its own record - be it audit results, cadets and training results or bringing out ideas to improve its own systems. Hearty congratulations for the perfect audit results!

Finally, apart from the hands-on technical article on the purifiers from Fleet Manager Yogendra Yadav, Crude oil pricing is a topic that will be of great interest to those uninitiated to the commercial business of ships. Read through the tips from Capt. Vinod of Adhart Shipping.

Overall, it was indeed a month of great celebrations, sharing good moments, being recognised for the hard work and dedication and also a great opportunity to keep tuned for another good month to count our blessings in life...

Wishing you all a safe and healthy life,

Sikha Singh

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TECHNICAL NEWS

Common concerns in VLSFO Purifiers

By Mr Yogendra Yadav, Fleet Manager

Numerous journals have been published on marine Fuel oil with a maximum sulphur content of 0.50% - very low sulphur fuel oil (commonly called VLSFO) from laboratories involved in Fuel sampling & testing (e.g. Viswa, SGS, Intertek) and other organisations engaged in production and selling of the fuel.

In this article, we discuss VLSFO and the commonly faced operational concerns. The fuel is mostly within specifications and cannot be blamed for the operational problems faced. How many of us check if the VLSFO supplied in Table 2 of ISO 8217:2017 specifications for grade IFO 380 - RMG 380 0.5% OR grade IFO 80 - RMD 80 0.5%? It has been observed that there are significant variances in the composition of residual VLSFOs and thus with inoperable parameters – EVERY FUEL supplied is different from others. Thus there is a need to establish Proper Fuel management onboard.

As per VISWA Lab Analysis Report, the following extract of typical VLFO grades has very Low Viscosity @50°C, which lead to Low Purification Temperature. (refer to Figure 1a)

What went wrong:

1. Vessel did not monitor Sludge generation in Purifier.
2. Dosage of Chemical- Vessel still dosing AMERGY 222, which as per Drew should be discontinued as same is for HSFO, they have come up with AMERGY 2020, for VLSFO.

3. Rough Weather aided mixing of the bottom Sludge & High Cat fine, leading to frequent choking of Purifier. Transfer of Fuel should have been done in small batches.
4. Purifier de-sludge timing was not reduced.



The following VLSFO parameters may play an important contributory role in purifier sludge

formation when using VLSFO fuel.

The sludge may be – sticky, powdery, slurry, solidifying etc.

basis the varying components forming the fuel with no definite confirmation:

1. Viscosity
2. Water
3. Total sediment
4. Catalytic fines
5. Compatibility and/or stability
6. Pour point
7. Etcetra - any unknown factor(GCMS)

Preventive Measures for vessels to counter Instability caused by above Properties:

1. **Chemical Dosing:** Switch to AMERGY 2020, which is specially made for VLSFO.
2. **Trading Zone:** In case the vessel enters the ECA Area, and the Stay is for Longer than 15 Days, before changing over to VLSFO, proper Re-circulation of Bunker Tank <-> Bunker Tank with Chemical dosing via FO Transfer PP to be done for the Full Batch.
3. **FO Analysis Report & Purifier:** Guidance to be followed - if the Viscosity is Lower than 100 and recommended Purification Temperature is below 80, the vessel to monitor sludge generation of Purifier, based on which Purifier Temperature to increase in Steps for getting Optimal Purification and Sludge Condition. Two (2) Purifiers should always be run to achieve a minimal 30% feed rate.
4. **FE-BN Test:** After Running the Engine for 48 hours with New Fuel (Engine at Maximum RPM), the FE-BN test is to be done onboard and based on the result, Cylinder Oil Feed Rate is to be adjusted. Scavenge Inspection to be done at the Next Convenient Port. Cylinder Oil 70/40 BN Changeover Plan to be followed for better Detergency and Neutralisation. Low BN Cylinder Oil to be used in ECA region.
5. **Filters:** The monitoring number of FO backflush will indicate the filter's severity and rate of choking.
6. **Tanks:** HFO Settling/Service Tank to be drained regularly and Drain line to be kept Clear by Chemical dosing.
7. **Spares:** Purifier Spares ROB to be maintained – One Complete Overhaul kit, along with Friction Boss and Clutch and 3 Sets of Intermediate overhaul kit.

To Summarize & conclude:

1. Follow company guidelines on each step:
 - a. ENV-28- For the New Bunker
 - b. HSEQA Manual sec.19.19.9 >> Fuel Oil and Lube Oil Management - Monitor Fuel oil system oil daily record in the Chief Engineer's Log Book (BE-11).
 - c. VOM sec. 14.5 Use of Newly bunkered Fuel.
 - d. Technical Circular T-41- Management of Fuel
 - e. Form E 30 High cat-fine fuel monitoring
 - f. White Cold Properties of VLSFO
2. Superintendent / Office should be consulted (earliest) for any abnormality or difficulty faced during Fuel Consumption to provide external assistance as suitable.

SPECIFIED PARAMETERS FOR IFO80-RMD800.5% & TEST RESULTS

Figure 1a

#	Parameters / Units	Test Results	Specification Limits	Supplier Data
1	Density @15°C kg/m³	957.4	Max 975.0	951.6
2	Viscosity @50°C cSt	27.51	Max 80.00	26.0
3	Flash Point °C	> 70.0	Min 60.0	
4	Pour Point °C	-9	Max 30	
5	Micro Carbon Residue % (m/m)	2.76	Max 14.00	
6	Ash % (m/m)	0.013	Max 0.070	
7	Water % (v/v)	0.20	Max 0.50	0.3
8	Sulfur % (m/m)	0.43	Max 0.50	0.4710
9	Vanadium mg/kg	5	Max 150	
10	Total Sediment - Aged % (m/m)	0.02	Max 0.10	
11	Al + Si mg/kg	30	Max 40	

CALCULATED VALUES

#	Parameters	Values
30	Net Specific Energy MJ/kg	41.44
31	Gross Specific Energy MJ/kg	43.88
32	Temperature for injection viscosity of 13 cSt °C	73
33	Engine Friendliness Number	61
34	Recommended Purification Temperature °C	50

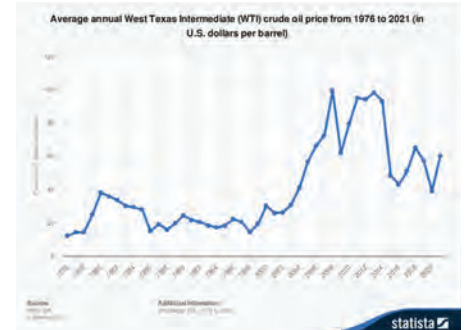
COMMENTS & SUGGESTIONS

	8	10	11	12	13	15	18	20
Injection Viscosity (cSt)								
Temperature for Injection (°C)	92.1	82.8	79.1	75.9	73.0	68.1	62.2	59.0

COMMERCIAL

Understanding Crude Oil pricing

By Capt. Vinod Dubey, Assistant Manager, Adhart



In the previous article, we discussed two primary types of Crude oil and their key distinctions i.e. Brent and West Texas Intermediate (WTI) Crude, which dictate pricing in their respective markets. Now, let us delve into their pricing, muscle power in the world economy and the factors impacting the same.

Normally, the price in any commodity is determined by supply, demand and market sentiment. However, there is an interesting distinct aspect in determining the oil price. In case of Oil, the price is determined by supply, demand, and sentiment toward **oil futures contracts**, thus providing speculators a vital role to play.

Generally, there is an **asymmetric tail dependence** between crude oil price and shipping freight market. Sudden change in price increases the transportation cost (bunker price) and in turn reduces owner's profitability. If the price goes high in a long term due to high global economic activities, maritime freight volume increases and thus the freight rate increase. However, If the price is high due to sudden reduction in crude oil supply, the freight rate of oil tankers decreases due to the reduced volume of crude oil transport services. A good example is the recent OPEC supply cut, causing increase in crude oil price, however, it led to reduced oil transportation and eventually reduced freight.

Undoubtedly, Brent has an historical edge here. When the reference of crude oil price is given without a specific type, it is meant to be Brent Crude, as Brent represents about two-thirds of all oil pricing worldwide. One of the strengths of Brent price is that it is used by the Organization of the Petroleum Exporting Countries or **OPEC**, the powerful group of 13 oil-exporting countries for their pricing benchmark.

Brent Crude's production near the sea ensures that **transportation costs** are significantly lower. In contrast, due to WTI being produced in landlocked areas, its transportation becomes more troublesome, i.e., higher cost and logistics issues.

However, WTI crude is the preferred model for pricing in the USA. The **"Shale Revolution"**, technological advancement in drilling, led to an exponential increase in production in North America, making WTI an important pricing benchmark vs Brent, even though the total output of WTI is much lesser than Brent. Over time, due to high production leveraged from technological advancement, WTI crude has become slightly cheaper than Brent crude.

As we all know, the crude oil price is an indicator of the energy sector's health; it is heavily influenced by every global, macro **event**. The world has seen many drastic changes in oil prices

due to various **geopolitical troubles** (a graph attached depicting the same). We can see a trend of various sudden spikes in price due to events such as the US civil war in the 1860s or Iran-Iraq war in 1990, which caused shortage of oil supply. The prices have shot up above USD 100 per barrel in a short span of time until the oil supply normalizes. Though these geopolitical affairs impact both types of oil prices, WTI production being based in landlocked areas of the USA, has a lesser impact on political uncertainty than Brent crude, where political uncertainty leads to a surge in its price.

We must know that Crude Oil prices have a strong ripple effect not only to Crude Oil Carriers in the way of the freight earned, but also, other vessels, where bunker prices are one of the major items for the Profit and Loss statement of Ship's each voyage.

In next article, we will address **"World Scale"** a benchmark for tanker's freight calculation.



MIND YOUR BODY

Physical activity counters health damage by poor sleep

A long-term study conducted by the UK Biobank has found that high levels of physical activities may counter health harms associated with poor sleep quality. Those who had the poorest sleep quality with minimal exercise had a higher mortality risk as well as the risk of heart disease, stroke etc.

In today's fast-paced society, insufficient sleep is unsurprisingly a common issue. Poor sleep is known as a consistent lack of sleep or reduced quality of sleep. Effects of inadequate sleep include being grumpy or lack of focus. Regular poor sleep may also have profound consequences on overall health – placing one at risk of severe medical conditions such as obesity, heart disease or even cancer, shortening life expectancy.

Numerous studies as reported by the Sleep Foundation, USA suggest a co-relation between physical activity and sleep. High levels of physical activity such as getting proper exercise can alleviate sleep-related problems, improve overall quality of sleep thereby helping an individual in getting adequate amounts of rest.

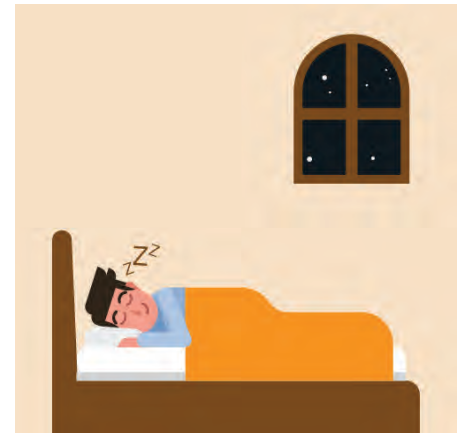
Further exploring this, researchers from UK Biobank drew on information provided by 380,055 middle-aged (average age 55) men and women for the study. The UK Biobank tracks the

long-term health of more than half a million 37–73-year-olds recruited from across the UK between 2006 – 2010.

Participants provided information on their normal weekly lifestyle and physical activity levels. Sleep quality was categorised using a 0 – 5 sleep score from 'night owl' or 'morning lark' preference, sleep duration, insomnia, snoring and daytime sleepiness. Participants health was tracked for an average of 11 years up to May 2020 or death, assessing their risk of dying from any cause, cardiovascular disease, coronary heart disease, stroke, cancer. More than half (56%) of the participants had a healthy sleep pattern; 42% were classified as having intermediate quality sleep, and 3% were classified as poor sleepers.

It was noted that those with better lifestyles and physical activity levels had healthier sleep scores. Better lifestyle in this aspect referred to age, gender, economic status, diet and lifestyle habits such as eating more fruits, vegetables, drinking less alcohol, non-smoker, no mental health issues, less sedentary lifestyle, non-shift worker and more physically active compared to the rest.

The lower the sleep score, the higher the risk of death from any cause - cardiovascular diseases or stroke. In comparison to those with high physical activity and healthy sleep scores, those



with no moderate physical exercise and poor sleep had the most increased risks of death from any cause. They were found to have the highest risk of cardiovascular disease death at 67%, cancer (45%) and 91% higher for lung cancer. Unfavourable associations between poor sleep and all health outcomes were amplified with lower levels of physical activity.

It was observed that physical activity levels eliminated most of the negative associations of poor sleep. Both sleep and physical activity contribute to overall physical health. Hence, where sleep hygiene is lacking, a person should endeavour to make up for it by increasing physical activities such as exercise and other healthy lifestyle habits.

ENVIRONMENTAL NEWS

U.N report indicates a “code red” for humanity

A major United Nations scientific report Intergovernmental Panel on Climate Change (IPCC) has reported that human activity is changing the climate in unprecedented and irreversible ways in several aspects. This indicates a “code red” or an emergency for humanity, the United Nations noted.

The landmark study released this 09 August 2021, which is the first significant review of the science of climate change since 2013, warns of increasingly extreme heatwaves, droughts and flooding, and a key temperature limit being broken in just over a decade.

The main takeaways of the IPCC report are as follows - Human activity is the leading cause

of climate change. Warming temperatures are generated by burning fossil fuels, coal, oil, wood, and natural gas. Authors of the report noted since 1970, global surface temperatures rose faster than in any 50-year period over the last two millennia. The global surface temperature was 1.09C higher between 2011-2020 than between 1850 – 1900 (pre-industrial revolution). Additionally, the previous five years have been the hottest on record.

Its effect can be observed in recent extreme weather conditions experienced across the globe, such as heatwaves recently seen in Greece and western North America or unprecedented floods in Germany and China. The report further observed that hot extremes, including heatwaves, have become more frequent and intense since

the 1950s, while cold events have become less frequent and less severe.

Global oceans have risen about 20 centimetres (eight inches) since 1900, and the rate of increase has nearly tripled in the last decade. Human influence has also resulted in rising sea levels, which tripled compared to 1901 – 1971. It is also the main driver of the global retreat of glaciers since the 1990s and the decrease in Arctic sea ice. Crumbling and melting ice sheets atop Antarctica (especially in Greenland) have replaced glacier melt as the main drivers. Oceans will continue to warm and become more acidic. Mountains and polar glaciers will continue melting for decades or centuries.

Continued on next page

ENVIRONMENTAL NEWS

U.N report indicates a “code red” for humanity

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In addressing sea-level rise, scientists modelled a likely range for different levels of emissions, predicting an increase of 2m by the end of this century and a 5m rise by 2150, thus threatening millions of people in coastal areas with flooding. The report also noted that many countries were signatories to the Paris Agreement to keep the rise in global temperatures well below two °C this century and pursue efforts to keep it under 1.5°C. However, under all emission scenarios reviewed by the scientists, targets will be broken this century unless massive carbon cuts occur. Due to this, the world will see more extreme climate events such as frequent heatwaves, fire weather, droughts, hefty rainfall and possibly

the ice-free Arctic in September (where the ice reaches its lowest point in summer) least once before 2050. Extreme sea-level events that occurred once a century in the past are projected to occur at least annually at more than half of tidal gauge locations by 2100.

Scientists are hopeful that the global emissions if cut in half by 2030 and reach net zero by 2050, may halt and reverse the rise in temperatures. This involves reducing greenhouse gas emissions as much as possible using clean technology, then burying any remaining releases using carbon capture and storage or absorbing them by planting trees.

However, even if warming is limited to 1.5°C, long-term impacts of ongoing warming are inevitable and irreversible, including sea level rises, melting of Arctic ice, warming and acidification of the oceans. Drastic reductions in emissions may stave off worse case scenarios of climate change. However, it will not return the world to a more moderate weather pattern.

Established in 1988 by United Nations Environment Programme (UNEP) and the World Meteorological Organisation (WMO), the Intergovernmental Panel on Climate Change (IPCC) assesses climate change science. The IPCC report is released every 6 – 7 years.

ESM NEWS

Remote loading and discharging operations successfully conducted

After successfully carrying out remote SIRE inspections, PSC inspections, TMSA audits and drydocking, Executive Ship Management has added another feather in its cap by remotely assisting loading and discharging operations of high value cargo, a yacht of 27.4m length. The yacht was loaded at Kaohsiung, Taiwan on 11th August and discharged in Singapore on 26th August.

Ship staff typically receive additional support from the office with a Superintendent visiting and assisting at the load port itself for such operations. However, due to the current pandemic situation and travel restrictions, this was not a viable option. Hence, remote assistance and monitoring of operations were conducted at shore with the team meticulously planning work on all aspects of loading, carriage, discharging of the cargo preparing plans for stowage, dunning, and lashing. A checklist was developed further encapsulating the necessary procedures and processes required.

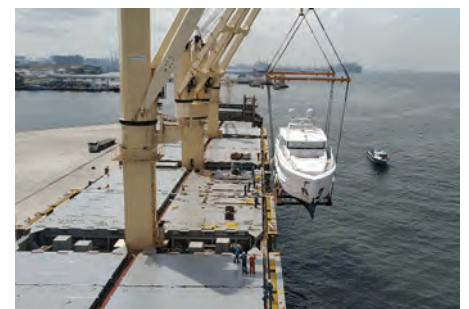
Live streaming of loading and discharging operations was arranged by supplying cameras, high-speed internet connection and allotting distinct roles to crew members. The loading took place on 11th August while PAC Shaula was berthed at Kaohsiung and Owners and

Charterers were able to view the live streaming via Microsoft Teams. The eight-hour process was closely monitored by the team in ESM Singapore. PAC Shaula successfully loaded the cargo unscathed, and a 360-degree inspection of the cargo was done via the live streaming camera.

The vessel berthed in Singapore on 26th August for off-landing of the yacht on seaside. As local restrictions did not permit boarding of shore representatives, live streaming was arranged again, and stakeholders witnessed the safe landing of the yacht in the sea.

At ESM, we are always geared for a challenge, and are proud to be at the forefront of the

technological developments that provide safe, effective, and efficient solutions to our clients. Our heartiest congratulations to the shore teams, Capt. Abbas Asagar and the entire crew of PAC Shaula making this project a success.



MAIN NEWS

ESM bags MPA safety awards for second consecutive year

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two to three-meter swells and 30 knot winds, the vessel successfully rescued one person while maintaining visual contact with both throughout the operations. The second person was rescued by local authorities. The previous year's award was for the successful SAR conducted by MV Crimson Knight on 31st October 2019 during inclement weather caused by Cyclone Maha along Thrissur, India.

In the same event, group company, Executive Offshore Pte Ltd was also recognized with a Letter of Commendation for Outstanding Corporate Contribution to Safety at Sea. With high HSEQA performance and consistent safety records, Executive Offshore prides itself with 'Zero Lost Time injury' since 2014 and 'Nil detentions' for any of their MPSV and AHTS fleet of vessels since inception and continue with their efforts to maintain the same.

The event also featured an opening address from the Guest of Honour, Mr Chee Hong Tat, Senior Minister of State for Ministry of Transport, Singapore, who emphasized on the importance of ensuring the health and wellbeing of seafarers, continuing with crew changeovers and safety amidst piracy and armed robbery at sea. Other pertinent discussions were also held by various industrial stakeholders.

At Executive Ship Management, we are consistently working and striving to ensure safety awareness and preparedness via education, training as well as emergency drills. This enables our crew to respond to any crises at sea.

Our heartiest congratulations and sincere appreciation to our crew for their professionalism at sea and courageous display of seamanship.



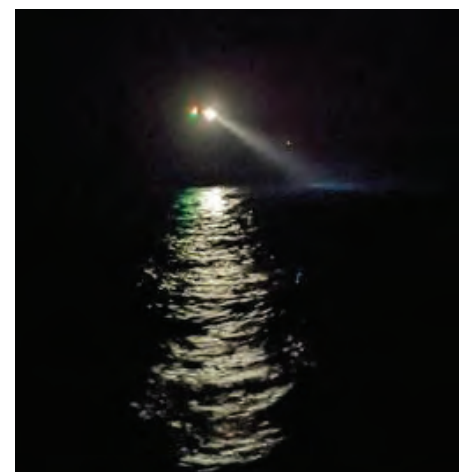
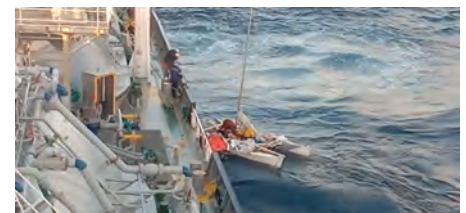
ESM NEWS

Two rescues successfully conducted in August

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While in the Tasman Sea, responding to message from JRCC Australia, vessel Arago diverted its route to where a catamaran, SV Queal had reported distress. The crew maintained visual contact with the distressed individual while determining the best course of action for rescue amidst inclement weather conditions such as strong winds and intermittent rains. A sailor was successfully rescued and handed over to the authorities subsequently.

At Executive, our consistent emphasis on safety awareness and preparedness via education, training as well as emergency drills empowers our crew to respond to any crises at sea. Our heartiest congratulations to Captain Sunil Chandrakant Gade, CE Davinder Sharma, Captain Rajesh Kalra, CE Bijedar Nathulal Sankhla and the entire crew of Gran Couva and Arago respectively for their professional display of seamanship.



ESM NEWS

FS Endeavor commemorates India's 75th Independence Day onboard

Vessel FS Endeavor celebrated India's 75th Independence Day onboard with a day of activities such as a parade, ceremony and fun-filled games for the crew.

The enthusiastic crew participated in the events of the day which included - a flag hoisting ceremony, a parade, patriotic songs from the crew, indoor games such as Antakshari, Dumb Charades etc, followed by a feast for the crew. Outdoor games were also organized by CE Joe Pereira as a means to rejuvenate the crew members.

We would like to thank all the organizers, Master Mahendra Singh and CE Joe Pereira for their efforts in ensuring crew wellness as well as for a wonderful Independence Day celebration onboard.



CE Shaun D'Souza celebrating Independence Day onboard Reference Point



ESM NEWS

SIMS achieves "Nil Deficiency" in DNV audit - Continued from Page 15

Facilities such as state of the art engineering and laboratories were noted to meet local (DG Shipping and Indian Maritime University) expectations as well as that of international authorities and bodies such as MPA, OPTIO and DNV certification. SIMS recent patent achievement from the Indian Intellectual Property Office, Govt. Of India for its Pump Performance Analyser for a Centrifugal Pump was also noted.

Noteworthy mentions from the previous audit include vessel feedback rating scores on the effectiveness of SIMS training courses which improved from 7 in 2010 to 9.4 in June 202, Gold and Silver awards by IMU to SIMS cadets, SIMS Mumbai overseeing trials of Wartsila Fleet

Operations Program on passage planning for two ESM vessels. Additionally, development of Marshall-islands approved oil record books and cargo record books, remote internal audits of ESM offices, innovations such as an optimum mooring winch brake tightening device, a fuel oil compatibility test kit, a PV valve testing unit, a UTI tape protection device, and a mooring wire rope greasing unit, scholarships for over 66 cadets since the start of the program.

The present DNV ISO 9001 certificate is valid till 30th January 2022. The re-certification audit was done prior to the expiry to ensure continued certification. The re-certification attained will be valid till January 2025.

MANAGEMENT SYSTEM CERTIFICATE

Certificate No: 63251-2019-AQ-SQP-JAS-ANZ Initial certification date: 30, January, 2014 Valid: 30, January, 2019 - 30, January, 2022

This is to certify that the management system of

Samundra Institute of Maritime Studies
 518 5th Floor, Sai Commercial Building, Govandi Station Road, Govandi (E), Mumbai - 400 088, India
 and the sites as mentioned in the appendix accompanying this certificate

has been found to conform to the Quality Management System standard:
ISO 9001:2015

This certificate is valid for the following scope:
Provision of Tertiary Education and Training for Maritime and Allied Industries

Date and date:
Singapore, 26, May, 2018

For the issuing office:
 DNV GL - Business Assurance
 18 Science Park Drive, DNV GL
 Technology Centre, Singapore 118227

Accredited by the joint accreditation system of Australia and New Zealand, Act G 1312502 402
 Lack of fulfilment of conditions as set out in the Certification Agreement may render this Certificate invalid. Refer to Appendix 02 for current certificate site address.
 ACCREDITED UNIT: DNV GL Business Assurance Australia Pty. Ltd. (ABN 62 629 691 222) North Sydney NSW 2060, Australia. TEL: 61 2 986 00 000
 www.dnv-gl.com

ESM NEWS

Crew changes continue amidst global Delta variant surge

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facing a surge in COVID cases due to the rapid transmission of the Delta variant. Crew change is currently ongoing in ports such as Japan, USA, Europe and in most African countries such as South Africa etc. Indian seafarers are also not permitted for crew changeovers in countries such as the United Arab Emirates.

Crew change continues to remain largely restricted in Singapore, Malaysia, Indonesia, and Taiwan. China, South Korea etc have lengthy,

varying requirements and restrictions for crew changeovers and the situation remains difficult in Latin America as well. Meanwhile, the ban on international flights in India has been extended until September 30.

The company continues to monitor the global situation while making avail of each crew change opportunity presented to ensure an efficient but most importantly, safe crew changeover.



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free on iOS
and App Store

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in-house Seafarer
App, ESM Crew
Portal now!



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EXECUTIVE SHIP MANAGEMENT

We are live on
facebook
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Follow us on our other socials: @Group_Executive Executive Group

A hand holding a camera with social media icons overlaid on the lens. The icons include a red heart, a yellow smiley face with a wide open mouth, a yellow smiley face with a halo, and a yellow smiley face with red hearts for eyes. The camera lens also shows a reflection of a person taking a photo.

ENB

Photography
Contest

PRIDE AND JOY OF A PROFESSIONAL MARINER AS A LIFELINE OF GLOBAL TRADE

ENB Photography Contest is back!

Calling all seafarers and shore staff
to participate in our Photography
Contest!

Submit a digital photo that depicts
your "*Pride and Joy of a
Professional Mariner as a Lifeline
of Global Trade*"

To participate, please email your
photos to:

enbphoto@executiveship.com

Closing date:

15th September 2021

Note: All participants MUST comply with
company's HSSE procedures concerning
safety onboard AND terminal/port
regulations. Please read the full Terms &
Conditions for more details (**refer to the
August ENB**).



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SAMUNDRA INSTITUTE OF MARITIME STUDIES (SIMS)

Graded A1 outstanding (Amongst top Maritime Institutes in India), obtained in the inspection conducted by the Government-recognised independent body ClassNK, Japan (Nippon Kaiji Kyokai) – largest classification society in the world

COURSE SCHEDULE - SEPTEMBER 2021

ONLINE COURSES

COURSE	NO. OF DAYS	INTAKE	DATES
BTM Learn	4 days	4	On request
Advanced PSCOM E-Learn	2 days		On request
MARPOL E-Learn	2 days	5	On request
ERM E-Learn	1 day	5	On request
Resilience Self Learn	1 day	CBT	On request
EDMS Self Learn	1 day	CBT	On request
Jonse E-Learn	2 days	3	On request
NCPC E-Learn	2 days	5	On request
BBI E-Learn	1 day	5	On request
DP Induction E-Learn	3 days	2	On request
Bulk Carrier E-Learn	1 day	3	On request
Navigation Audit E-Learn	1 day	5	On request
Safety Induction Training-Ratings E-Learn	3 days	5	On request
INTERNAL AUDITOR E-Learn	2 days	5	On request
RCA, E-Learn	1 day	5	On request
BWTS E-Learn	1 day	5	On request
JRC ECDIS	1 day	3	On request
Chart World ECDIS	1 day	2	On request
High Voltage, E-Learn	3 days	4	On request
COLREGS Refresher Training	3 days	10	On request
LVM	1 day	3	On request
ATOT E-Learn	3 days	5	On request
ATCT E-Learn	3 days	5	On request
ME Engine Briefing E-Learn	0.5/1 day	3	On request
ASPHALT-B E-Learn	0.5/1 day	2	On request
WIND MILL	0.5 day	2	On request
MARFLEX	0.5 day	2	On request
CCOB	0.5 day	2	On request
SHC	4 days	2	On request
EP E-Learn	4 days	4	On request
Log Carrier E-Learn	1 day	3	On request
SITR E-Learn	3 days	4	On request
Risk Management	1 day	3	On request
FRAMO E-Learn	2 days	3	On request
PUMPMAN (CL RM)	6 days	4	On request
ME	1 day	2	On request
LVM-B	1 day	2	On request
Crane Operator Course	1 day	4	On request
ECP MARPOL E-Learn	3 days	4	On request
ECP MARPOL E-Learn (Rating)	2 days	4	On request
ISO Awareness Training	1 hr	Unlimited	On request
Polar Water	5 days	2	On request
BTM-Refreher Course	1 day	6	On request
MARPOL Refresher Course	1 day	6	On request
Adv PSC OM -Refresher Course	1 day	6	On request
Advanced ECIDS Operation	1 day	1	On request

- The course will be held subject to meeting the minimum quorum.
- Officers to confirm their attendance to the respective Field Office at least 1 week prior commencement of the course.
- Officers once confirmed for the course shouldn't cancel it except in emergency. Please intimate field office promptly.
- Officers coming for the courses are required to maintain proper dress code (Smart formals with tie).
- 1 Photograph will be required for each course (T-shirt photo not accepted).

**For Course Bookings,
Please Contact:**

Email for all courses:
cto@executiveship.com

Join our team of expert mariners & build your onshore career with us!

We are seeking highly passionate Officers for various onshore positions*

Technical Superintendent

- Bulk Carriers (Singapore)
- LNG Carriers (Mumbai)

Interested Officers please send updated resume with detailed sea time experience to hr@executiveship.com or contact HR department on +91 22 66895555

*Please note only successful applicants will be contacted



Our future mariners need you!

Calling all Masters with tanker experience for

- **Nautical Faculty** (Mumbai)
- **Faculty Marine Engineering** (Lonavala)
- **Assistant Personnel Officer** (Chennai)

Interested applicants apply via www.samundra.com/career.asp or email at careers@samundra.com or call 02114-399515/399508

*Please note only successful applicants will be contacted



SIMS



HAPPY BIRTHDAY!

CREW BIRTHDAYS

Many Happy Returns to the following on their Birthdays during the month of September 2021!

NAME	BIRTHDAY	VESSEL	NAME	BIRTHDAY	VESSEL
MST	07/09	LUBERSAC	CE	13/09	ALHANI
MST	12/09	EVER GLORY	CE	10/09	EVER FAIR
MST	14/09	CHEM NICHOLAS	CE	03/09	THE JUDGE
MST	09/09	ALHANI	CE	25/09	ARAGO
MST	17/09	YAMABUKI	2E	27/09	MARLIN AZURITE
MST	08/09	EVER GOVERN	2E	16/09	THE DIPLOMAT
MST	22/09	RED EAGLE	2E	04/09	LR1 AMBASSADOR
MST	25/09	SPRUCE 2	2E	08/09	RED MARAUDER
MST	28/09	UACC RAS TANURA	2E	09/09	POLARIS BAY
CO	17/09	RED EAGLE	2E	25/09	MITERA
CO	11/09	THE SHERIFF	2E	17/09	SCHWYZ
CO	30/09	CHEM NICHOLAS	2E	18/09	SAMRAA ALKHALEEJ
CO	08/09	FRONT SUEZ	2E	05/09	APL MINNESOTA
CO	20/09	APL TURKEY	3E	08/09	PRINCESS ALEXIA
20	09/09	POLARIS BAY	3E	25/09	RED MARAUDER
20	17/09	HIGH JUPITER	3E	01/09	CLAXTON BAY
20	04/09	VELOS LEO	3E	14/09	ALQADISIA
20	26/09	ARIANE MAKARA	3E	20/09	AFRAMAX RIVIERA
20	13/09	CHEM NICHOLAS	3E	06/09	MARLIN AMBER
20	26/09	ATLANTIC EAGLE	3E	07/09	TOLEDO TRIUMPH
20	20/09	LR1 CARRIER	3E	08/09	AFRA HAWTHORN
20	26/09	LUBERSAC	3E	16/09	APL MINNESOTA
30	23/09	PRINCESS ALEXIA	3E	10/09	POSEIDON BAY
30	11/09	MAETIGA	3E	21/09	EVER GOLDEN
30	28/09	GRAN COUVA	3E	25/09	ATLANTIC CROWN
30	02/09	LR1 CARRIER	3E	28/09	VELOS AQUARIUS
30	04/09	CHEM HELEN	4E	15/09	EVER GOVERN
30	16/09	POLARIS BAY	4E	18/09	PALANCA CADIZ
30	18/09	UACC HARMONY	4E	25/09	ATLANTIC CROWN
30	23/09	FS DILIGENCE	4E	25/09	CITY OF TOKYO
30	30/09	ALHANI	4E	13/09	ZARIFA ALIYEVA
30	02/09	APL NEW JERSEY	4E	14/09	LR1 AMBASSADOR
30	05/09	CHOLA HARMONY	4E	27/09	ATLANTIC CANYON
CE	10/09	RED RUM	4E	09/09	GANGA K
CE	03/09	MAETIGA	4E	28/09	KAMOME VICTORIA
CE	06/09	ATLANTIC CROWN	4E	04/09	FORRES PARK
CE	05/09	PLATYTERA	4E	05/09	ALJALAA
CE	11/09	JAL KAMADHENU	4E	15/09	PRINCESS MARY
CE	16/09	KAMOME VICTORIA			

NEW JOINERS

New joiners welcomed onboard ESM vessels

Adding to the growing number of cadets from SIMS Lonavala who join onboard ships managed by ESM as Officers, we welcome:



- | | | | | | |
|-------|-----------------------|---------------|-------|-----------------------|-------------|
| 1. 30 | BRIJESH MEVALAL GUPTA | AEGEAN WAVE | 5. JE | RISHABH GUPTA | AEGEAN WAVE |
| 2. JO | JAGMEET SINGH | ARISTODIMOS | 6. JE | SOHAIL WASIM | LAPEROUSE |
| 3. JO | NEERAJ KUMAR | ARIANE MAKARA | 7. JE | SAHIL RAZAK SATVILKAR | THE CHIEF |
| 4. JO | ATUL KUMAR CHAUBEY | OAKA | | | |

PUZZLES ANSWERS FOR ISSUE 195



7	2	3	8	1	6	4	9	5
5	1	6	3	9	4	7	2	8
4	8	9	5	7	2	6	3	1
1	6	5	4	8	9	2	7	3
8	3	7	6	2	1	5	4	9
9	4	2	7	3	5	1	8	6
6	7	1	9	4	8	3	5	2
3	5	8	2	6	7	9	1	4
2	9	4	1	5	3	8	6	7

PUZZLES

1		2		3		4	5		6		7
					8						
9							10				
11					12						
	13	14					15				
16											17
18				19			20		21		
22					23						
24						25					

Across

- 1 German state capital (6)
- 4 Cumin, cardamom etc (6)
- 9 Mexican liquor (7)
- 10 'Bloody Mary' was one (5)
- 11 Array of data in rows and columns (5)
- 12 Jailbird (7)
- 13 Log in stream (anag) – venomous lizard (4,7)
- 18 Eat rump (anag) – Japanese dish (7)
- 20 Teach (5)
- 22 Small boat (5)
- 23 Ardent (7)
- 24 Somnolent (6)
- 25 Far from obese (6)

Down

- 1 Undergo genetic change (6)
- 2 Muslim face veil (5)
- 3 Impossible fancy (7)
- 5 Don (3,2)
- 6 Common painkiller (7)
- 7 Parallel layers of material arranged one on top of another (6)
- 8 Don Quixote's squire (6,5)
- 14 Ginormous (7)
- 15 Reversal (7)
- 16 Kindling material – remote rural areas (6)
- 17 Playful (6)
- 19 Consume (3,2)
- 21 Botanical barb (5)

			9		3	8	7	1
				5				3
							5	
					7	2	1	
7			5		4			6
	5	8	1					
	7							
9				6				
4	3	5	8		1			

SUDOKU OBJECTIVE

The objective of the game is to fill all the blank squares in a game with the correct numbers. There are three very simple constraints to follow. In a 9 by 9 square Sudoku game:

- Every row of 9 numbers must include all digits 1 through 9 in any order
- Every column of 9 numbers must include all digits 1 through 9 in any order
- Every 3 by 3 subsection of the 9 by 9 square must include all digits 1 through 9

** All answers will be provided next issue.

ESM NEWS

MT St. Gertrud receives appreciation from Petronas pilot for swift safety measure



The crew onboard oil tanker St. Gertrud received hearty appreciation from Petronas Marine Pilot for timely action taken by the vessel to avert mishap during ship-to-ship operations at Banang Terminal, Thailand on 01st August 2021.

It was a clear day. Under good weather conditions with a current at 2 Knots from stern, MT St. Gertrud's was in final approach with mother vessel. Although distance between the MT St. Gertrud was less than 10m, an Aft tug lost her manoeuvring control forward and aft sea room was restricted with mother vessel's mooring line with buoy.

As an astute and alert master of the ship, Capt. Bhoga Nand quickly did the risk assessment and undertook appropriate safety measures by aborting berthing. The swift action was witnessed and appreciated by a Petronas Inspector onboard STS vessel Duta Pacific at the time.

Safety is top priority at Executive, and consistent emphasis on safety awareness, preparedness as well as training has empowered our crew to always prioritise the safety of crew, vessel and environment under any circumstance. Well-done Capt. Bhoga Nand and the bridge team for their excellent display of professionalism!

ESM NEWS

SIMS achieves "Nil Deficiency" in DNV audit

Both SIMS Mumbai and Lonavala campuses achieved its target of "Nil Deficiency" together during a DNV-External Audit (Re-certification) audit for ISO 9001 conducted from 10-13 August 2021. The first time both campuses have achieved "Nil Deficiency" in one session, the audit also commended 13 noteworthy efforts undertaken by the institution.

The ISO 9001 certification is a requirement as set by the International Convention on Standards of Training, Certification and Watchkeeping for Seafarers (STCW) where training providers must establish, implement and maintain the Management system within the scope of its operations thereby satisfying standards of quality training as required by various administrations, accrediting bodies and customers. A previous audit was conducted on 13-15th October 2020.

The audit reviewed the SIMS management, faculty qualifications and skills, the institution's achievements, training quality and overall infrastructure. In the training section, the auditor, Mr Chandrasekharan, based in Singapore, noted the transition from classroom-based course delivery to virtual course delivery, endorsing the high quality of virtual courses conducted by the institution.

The management, faculties and other staff members were commended for their business continuity processes such as a smooth transition to virtual delivery of DG, OPITO, NI, DNV and Marshall Island approved courses. Some of the 13 noteworthy efforts undertaken include a 100% online admissions process, Wi-Fi extension to hostels and efforts to deliver textbooks to cadet's home address under peak pandemic circumstances. Other efforts in COVID 19 management and precautions further yielded good results.

Continued on Page 8

ESM NEWS

Two rescues successfully conducted in August



ESM managed Gran Couva and Arago successfully assisted and conducted rescue operations in two separate incidents on 24th and 26th August 2021 respectively.

Gran Couva was sailing towards Rotterdam when crew members sighted a disabled orange craft. A person was spotted waving towards the vessel. The crew identified that the craft as a disabled jetski and authorities from MRCC Madrid were immediately alerted. As instructed, the crew remained on standby near the craft till the arrival of the rescue helicopter and thereafter the completion of the rescue operations.

Continued on Page 7



Joke of the month

What do you call an alligator in a vest?

An investigator.





EXECUTIVE
NEWS BULLETIN