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### EST'S DRUG AND ALCOHOL POLICY - ZERO TOLERANCE

The possession, consumption, trafficking and sale of alcohol and/or drug substances aboard is strictly prohibited during the seafarers' employment agreement. All Company's seafarers are subject to testing and screening for drugs and alcohol abuse. The Master has the authority to carry out an alcohol test whenever he suspects that a seafarer is under alcohol influence.

Any seafarer not complying with the Company's D & A Policy **shall be immediately dismissed** and will be considered non-rehireable.

## Introducing our Summer Interns!

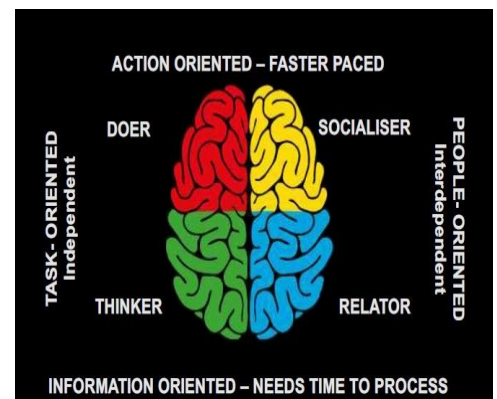


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## Human Factors in Maritime: An Interactive Workshop

**O**n 07 and 08 June 2023, ESTSA Vetting Manager Mr. Orestis Perilis participated in a 2-day workshop organized by Safe Lanes & Fisher Improvement Technologies related to the critical topic of Human Factors in Maritime.

Experienced speakers analyzed the classification of error types, the 5 principles of human performance and the identification of poten-



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continued from page 1 “Introducing our summer Interns”

We are excited to introduce our interns, Ms. Nefeli Triantafyllidi and Mr. Konstantinos Papageorgakis, who have joined us this summer to see how things actually work within a real working environment and put their academic knowledge into practice.

Each year, the company provides internship position to 2-6 students, allowing them to rotate across departments and develop a comprehensive understanding of each department's role.

Both, the interns and the company benefit from this process.

As we enter the summer season with some employees on leave, interns can actively contribute by assisting in various tasks. Additionally, their questions might spark new ideas that lead to process improvements.

Undoubtably, their enthusiasm contributes to a positive and dynamic work environment increasing both productivity and creativity aspects that we truly enjoy and appreciate!



“Having received many stimuluses from childhood, along with my desire to follow in my father's footsteps, I am very grateful to commence my own journey with Enterprises Shipping & Trading S.A. and make my dream come true.

The company's organization reinforces this dream, as well as its people, who made sure to embrace me and include me in day-to-day tasks by the moment I joined in. The training I receive here is exceptional, owing to the company's strong encouragement of employee growth and development.

As a QHSE Department trainee, I would also like to thank Mrs. Sofia Zogana and Ms. Katerina Gemidopoulou for providing the best training and guidance in order to develop the appropriate skills and become familiar with the practical implementation of the company's Health & Safety policy, complying with ISM regulations, vessels' procedures, manuals and safety issues.

My daily life has changed since I joined the company, helping broaden my horizons and strive for excellence in every task assigned. Every day is different and exciting. I really enjoy this journey because not only do I gain abilities and skills, but also virtues. In conclusion, I would like to express my gratitude to the President of EST S.A., Mr. George Sarris for giving me the opportunity to unfold my dream in such a positive environment.”

NEFELI TRIANTAFYLLIDI



“Reaching the end of my studies in the Department of Supply Systems Management at the Agricultural University of Athens, like most students, I was faced with the internship process.

I started my internship with a particularly good perspective, as I was lucky enough to be accepted by a leader company like Enterprises Shipping & Trading S.A. in an industry and object that excites me.

The knowledge I have gained during my 4 months here is truly huge and has exceeded even my most optimistic expectations! Enterprises Shipping & Trading S.A. helped me integrate what I was taught at school, to the job market.

During my internship, I had the opportunity to work with experienced executives of EST and cooperate with professionals from other companies as well, in order to respond in a timely and valid manner to what has been assigned to me.

I would like to thank from the bottom of my heart all the people in the company who help me improve every day.”

KONSTANTINOS PAPAGEORGAKIS

# M/T Energy Triumph Silicone Paint Application



**I**n a significant leap towards enhancing vessel efficiency and environmental sustainability, our M/T Energy Triumph recently underwent a transformative maintenance procedure, applying silicone paint, during her dry dock repairs in the context of 1st Renewal Survey at COSCO Shanghai Shipyard.

The application of PPG SigmaGlide 1290 silicone paint on flat bottom and vertical sides underscores the company's commitment to innovation, sustainability, and operational excellence. As the latest additions to our fleet adopting silicone paint technology, our company reiterates its dedication to aligning with worldwide demand for vessel emissions reduction and environmental protection.

In comparison to the well established use of anti-fouling paints, which have long been used to prevent the accumulation of marine organisms on the hulls of ships, reducing drag and improving fuel efficiency, silicone paint emerges as an inventive and environmentally sustainable option, bringing forth a spectrum of compelling advantages.

**Enhanced Fuel Efficiency:** The hydrophobic properties of silicone paint minimize drag and frictional resistance, resulting in improved fuel efficiency and reduced emissions.

**Longevity:** Silicone paints are known for their durability and longevity, extending the intervals between dry dock maintenance and

[Continue on page 4](#)



continued from page 3 “M/T Energy Triumph Silicone Paint Application”

repainting.

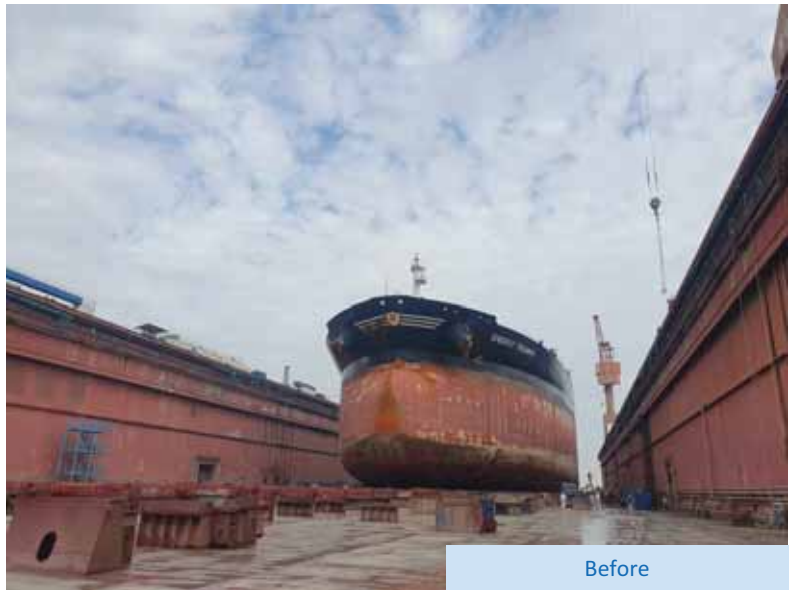
**Environmental Sustainability:** By avoiding the use of harmful biocides and heavy metals existing in anti-fouling paints, silicone paints contribute to preserving marine ecosystems.

**Operational Cost Reduction:** Improved fuel efficiency and reduced maintenance frequency lead to potential cost savings for vessel operators.

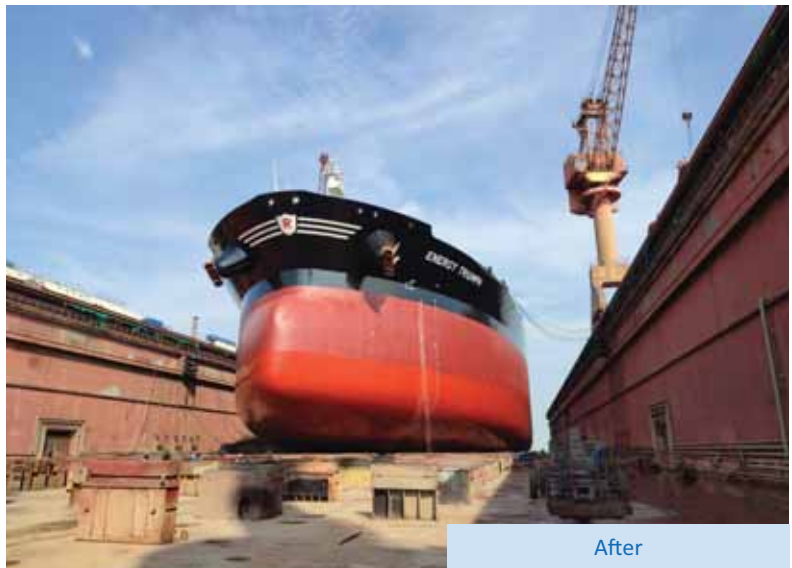
**Technological Leadership:** The adoption of silicone-based paints sets a precedent for the maritime industry, encouraging further exploration of eco-friendly and innovative solutions.

Being proud for our company’s 10th vessel with silicone paint application, our goal is to continue pioneering sustainable solutions that enhance vessels’ efficiency and reduce environmental impact.

This strategic vision reflects our dedication to not only meeting but surpassing industry standards, positioning Enterprises Shipping & Trading as a frontrunner in fostering a greener and more sustainable maritime landscape.



Before



After



continued from page 1 “Human Factors in Maritime: An Interactive Workshop”

tial error traps. Moreover, the personality diversity framework was established through the e-colors concept, which intends to categorize personality tendencies. This can be a valuable tool for enhancing individual performance, refining communication strategies, and ultimately fostering optimal team dynamics.

In the context of the new inspection regime SIRE 2.0 and its focus on Human Factors, subjects discussed in the workshop will be integrated in our procedures not only as additional reference but as effective tool aiming to capture all factors that affect human performance and align our processes with the new dimensions brought forth by the new regime.



## What's New in the QHSEMS?

### Tankers QHSEMS

1. Tankers Forms Index-version 0.9
2. PM 1 Intro\_Mission Vision-version 0.4

### New Uploads (Tankers)

- Biofouling Manual (Energy Triumph)-Revised
- ESTSA 507A Log Book Delivery Receipt
- ESTSA 507B Log Book Delivery Receipt
- Newbuildings
- IHM Manual-Energy Achilles

### Office QHSEMS

1. Office Forms Index-version 0.5

### New Uploads (Office)

- ESTSA 990A CEO\_Senior Leader Visit Agenda

### Safety Awareness Handbook

- Safety Update\_Issue 6\_2023
- Safety Update Inventory

### Gallagher Marine Advisories

- Client Advisory\_17\_23\_Update to Pilot Cards
- Client Advisory\_18\_23\_VGP\_Effluent Monitoring and Sampling
- Client Advisory\_19\_23\_USCG Enhanced Examination Program\_July through September 23
- GMS\_List of Advisories

### Regulatory Updates

- Regulatory Update\_Q1\_2023
- Regulatory Update\_Q2\_2023

We take this opportunity to remind you that any feedback, suggestions for revisions or QHSEMS improvement are more than welcome and can be submitted to the QHSE department through a DCR ([Nav-Dynamics](#) → [DM Library](#) → [New Change Request](#)) or via the Master's Review.

# “Near Miss Rewarding” Program

We are pleased to announce the seafarers entitled to \$100.00 reward this month.

Key to this is to reward diligent crew members who contribute in a responsible manner to their own safety and that of their fellow workers.

- MV Citius - **Engine Hand Jesus A. Espejo, Jr.**
- MT Energy Artemis - **2nd Engineer Igor Karakash**
- MT Energy Chancellor - **Pumpman Alexey Goncharov**



UNSAFE ACT

**Hazard:**  
Grinder's wire damaged

**Risk:**  
Electrocution

**LL:** It's important to ensure that electrical equipment is in good condition and properly maintained before use



UNSAFE ACT

**Hazard:**  
Listening Music while in the Engine room

**Risk:**  
In a case of an emergency situation, the crew will not be able to hear critical emergency alarms



UNSAFE CONDITION

**Hazard:**  
Ventilation Louver not properly secured in place

**Risk:**  
Potential injury if it falls down, particularly if someone is underneath it at the time.

**LL:** Proper maintenance of such fixtures are crucial to prevent accidents from happening.



# Best Practice Received by MV Livorno

**W**e would like to thank **Chief Cook Jayfford M. Caracol** of **MV Livorno** for providing us this Best Practice.

At EST S.A., we understand the significance of implementing Best Practices and firmly believe in the power of sharing knowledge and experiences within our fleet. As such, we kindly request you to share the Best Practice you are implementing onboard through our Near Miss software. This will enable us to disseminate your insights to the rest of the fleet, allowing them to benefit from your expertise and contribute to further enhancing our safety standards.


Furthermore, we would like to remind you that EST S.A. rewards the four most meaningful near misses, best practices, or ideas every month. Your contribution may have a significant impact and be recognized as one of the most valuable submissions.



Homesickness can be a demoralizing feeling experienced by many seafarers at sea. However, challenges can be turned into opportunities when our mindset remains positive.

The **Chief Cook** onboard mv **Livorno** has found an innovative way to combat nostalgia. During his free

time, he used his skills and creativity to construct a miniature of the mv Livorno made from the cargo's wooden dunnage.

Time on board can be used constructively by exercising our talents, learning new skills, reading books, communicating with our colleague, simple yet fulfilling activities that can bring joy and a sense of fulfillment that inevitably will elevate the spirit onboard. 



## “IDEA” Program: mv Citius / mv Livorno



We would like to thank once again the crew of the following vessels for submitting the last three months their IDEA as well as the Captains for supporting them to do so:

- mv Citius
- mv Livorno

For those who are about to submit their ideas, please check our issue 133 for more information. Having in mind that all of us have good ideas for improving our job and the Company as a whole, we anticipate receiving the ideas from all ranks.

# Promoting Safety On Board - STAY SAFE...

The Near Misses and Best Practices that are received monthly from our ships provide a wealth of safety related information and lessons learnt. Not all can be published in this edition but will be used in future issues. Thank you for your participation!

In this month's issue, the contributors are:

- ✓ 2nd Off. R. Mitrofanov of MT Energy Apollo
- ✓ Chief Off. A. Brikun of MT Energy Artemis
- ✓ Chief Off. O. Soroka of MV Magic Striker
- ✓ 2nd Off. S. Grebennikov of MT Energy Centaur
- ✓ 4th Eng. Glenn Jomento of MV Puma Max
- ✓ Chief Off. A. Bydantsev of MT Energy Athena
- ✓ Deck Cadet Lance A. R. Dacayana of MV Taurus
- ✓ Deck Cadet L. Presidente of MV Taurus
- ✓ O/S M. Ivanchenko of MV Divinus

### UNSAFE CONDITIONS

#### Ineffective Emergency Response



**What happened:**  
During a routine inspection, it was found that the self-igniting light on a lifebuoy was not lit due to corroded batteries inside.

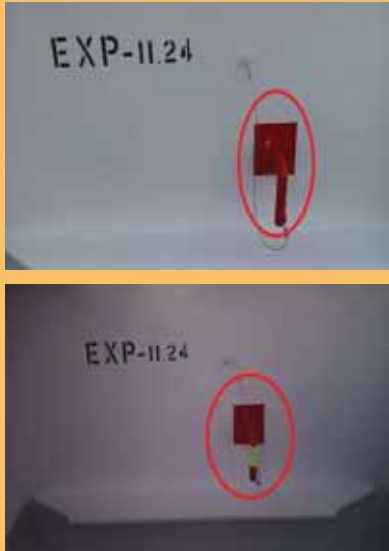
**Potential Hazards:**  
**Reduced Visibility:** A non-functioning self-igniting light on a lifebuoy diminishes its visibility, making it harder to locate and potentially reducing the chances of rescuing a person in distress.

**Impaired Safety:** The self-igniting light, which is crucial for ensuring the safety of crew members during emergency situations.

**Ineffective Emergency Response:** Corroded batteries can prevent the self-igniting light from functioning when needed most, affecting the ability to respond effectively to emergencies.



### BEST PRACTICE




To improve visibility and enhance safety, photo-luminescent tape was installed on both pins of the MOB (Man Overboard) lifebuoy.

**Benefits of this best practice:**

- ✓ Enhanced Visibility
- ✓ Quick Access
- ✓ Increased Safety
- ✓ Cost effective improvement

### UNSAFE CONDITIONS

#### Risk of Pollution



**What happened:**  
During a routine inspection, the rubber of the scupper plug was found damaged.

**Thoroughly inspect all scupper plugs and associated equipment to identify and address any damage promptly.**

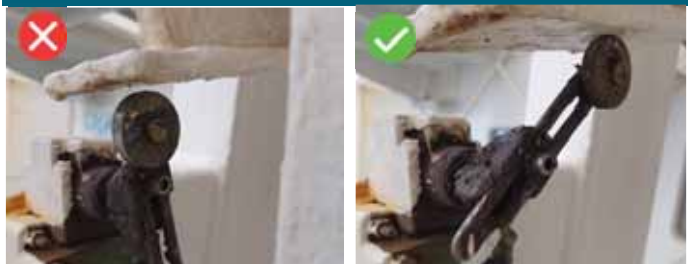
**Ensure that scupper plugs are properly fitting to prevent spills overboard.**

Continue in page 11



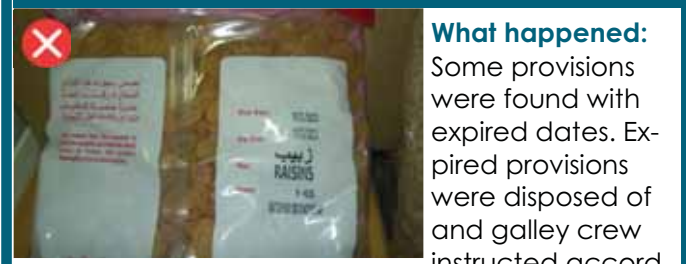
continued from page 8 "Promoting Safety On Board - STAY SAFE..."

**UNSAFE CONDITION**



**What happened:** After a waterborne drill, during the restoration of the port lifeboat, it was observed that the "Limit Switch" is not in the appropriate position. The limit switch is not providing a prompt stop during restoration, which could lead to an accident.

**UNSAFE CONDITION**



**What happened:** Some provisions were found with expired dates. Expired provisions were disposed of and galley crew instructed accordingly to prevent re-occurrence.

ingly to prevent re-occurrence.

**Consuming expired food can pose health risks to crew members, including foodborne illnesses or allergies.**

**UNSAFE CONDITION**  
**FFE blocked**



**What happened:** A flame detector in the E/R near the boiler was found covered by a rag.

**Impaired Fire Safety System & Increased Fire Risk**



**The flame detector's functionality is compromised when covered by a rag.**

**UNSAFE CONDITION**  
**Impaired Emergency Response**



**What happened:** There were various obstacles placed in front of the fire fighting equipment box inside the Bosun store, blocking access.



**Obstacles in front of fire-fighting equipment box obstructs quick access to FFE during a fire, leading to delays in emergency response.**

**UNSAFE CONDITION**  
**Detainable deficiency**



**What happened:** A fire door was tied with a rope in the open position.

**Compromised Fire Safety**



**Tying a fire door open undermines its ability to prevent the spread of fire and smoke, endangering the safety of personnel and the vessel.**

**UNSAFE CONDITION**  
**Risk of Fall / Injury**



**What happened:** The opening for lifting cargo remnants from cargo hold no.8 was left unattended for an extended period without guard rails or a warning sign.

**The unattended opening without guard rails poses a fall hazard for crew members and personnel working in the vicinity**

# Ships with Zero PSC Deficiencies

**We would like to congratulate the following Vessels & Crews for the successful PSC Inspections!**

No.	Ship	Captain	Date	Port	Country
1	Braverus	Maksym Petrenko	11/07/2023	Hay Point	AUSTRALIA
2	Furius	Zaldy Villaflor	13/07/2023	San Nicolas	PERU
3	Citius	Efren Canares	17/07/2023	San Nicolas	PERU
4	Energy Afrodite	Aleksandr Radchenko	25/07/2023	Mongstad	NORWAY
5	Virtuous Striker	Sergiy Kravchuk	25/07/2023	Baranquilla	COLOMBIA
6	Energy Chancellor	Dmitrii Manuilo	31/07/2023	Corpus Christi	USA

## IMPORTANT REMINDER !

### “SAFE MOORING OPERATION” CAMPAIGN # 01/2023 | Feedback

Further to the subject campaign carried out on May 1st to May 31st, 2023, we would like to thank all the Masters for participating.

The objective of the mooring campaign was to improve the effectiveness of the mooring procedures by enhancing crew skills, confidence and team building. In line with this objective, the company has incorporated in its QHSE system, a new plan on Mooring System and Line Management. This plan should be frequently reviewed by the crew onboard to ensure compliance with maritime regulations and local requirements.

To conclude, please ensure the following:

- Safe mooring practices and proper maintenance of mooring ropes are being implemented.
- Continue to encourage the crew to submit their near misses, unsafe acts and conditions, best practices as well as ideas related to mooring operations.
- If changes should be made to the company’s SMS, please feel free to submit your Document Change Request (DCR) through Navision / DM library.
- Constantly ensure that company’s forms are properly completed and certificates from mooring ropes are kept properly in file.
- Regular refresher training sessions should be carried out, particularly after crew changes, to ensure that the crew are familiar with their roles and can collaborate efficiently as a team.

Mooring is a routine task for the crew and therefore, they should be constantly reminded of the hazards and safety procedures. The Master’s role is crucial in this regard as their behavior and attitude during mooring operation and towards training can influence greatly crew’s performance.

Lastly, we would like to thank you in advance for implementing all the above demonstrating a strong commitment towards safety.



# New CIC on Fire Safety Starts in September 2023

**A**s already informed through our Information Notice sent at the beginning of August, Paris and Tokyo MoUs will conduct a Concentrated Inspections Campaign (CIC) from **September 1st to November 30rd, 2023 with a focus on Fire Safety implementation on board ships.**

Fire Safety is a key area of concern during PSC inspections. It is widely known that fire is one of the worst case scenarios for an on board emergency. ALSO, PSC data analysis from the last five years shows that there is a lot of concern for onboard fire safety as ships have still several issues to address in this area. As such, the purpose of the Inspection Campaign is to determine the level of compliance with the requirements on Fire safety.

It is worth mentioning that other MoUs may also participate in the campaign. The PSCOs will expand their focus on the evaluation of competences of crew when performing fire drill or related emergency scenarios.

The CIC questionnaire features a 10-question checklist covering the functionality of fire safety systems and related drills as follows:

1. **Are the emergency escape routes maintained in a safe condition?**
2. **Are the fire doors maintained in good working condition?**
3. **Has the fixed fire detection and fire alarm systems, been periodically tested in accordance with the requirements of the Administration?**



4. **Are ventilation closing appliances capable of being closed?**
5. **Are the means of control for power ventilation of machinery spaces operable from two grouped positions?**
6. **Can each fire pump deliver at least the two required jets of water?**
7. **Are the means of control provided in a position outside the machinery space for stopping ventilation and oil transfer equipment operational?**
8. **Is the room for the fixed gas fire extinguishing medium used only for this purpose?**
9. **Are the valves used in the fire main line operational?**
10. **Where a fire drill was witnessed, was it found to be satisfactory?**

On the occasion of the new CIC, the following actions must be taken:

- Master, Officers and crew onboard should be prepared to address the PSC CiC successfully. Make sure to use the additional guidance provided by QHSE dept. for better understanding of what the PSCO will look at during a potential inspection.
- Fire training manuals on board to be reviewed to be ship specific.
- Additional fire emergency scenarios to be conducted.
- Company's superintendents and Training Officers have been advised to focus on onboard training during visits.

Source: <https://safety4sea.com/>



# Fishing Vessels Pose Collision Risk in Chinese Waters



According to the 2023 notice of the Ministry of Agriculture and Rural Affairs of China, fishing ban in the East and South China Sea between latitudes 26° 30' N and 12° N is going to end on 16 August 2023 and the ban for the Bohai Sea and Yellow Sea North of latitude 35° will be lifted on 1 September 2023. For the remaining sea areas, the Yellow Sea and East China Sea between latitudes 35° N and 26° 30' N, the ban will be lifted on 16 September 2023.

## Typical causes of collisions with fishing vessels in these waters:

1. Often the vessel is proceeding at high speed, and the engines are not ready for maneuvering.
2. The watch-keepers on the merchant vessel may be occupied with other non-essential tasks or there may not be enough assistance on the bridge for the OOW, i.e. the manning may be inadequate.
3. Fishing vessels in China are often equipped with AIS, however it may be inoperative or transmitting incorrect information.
4. The watch-keepers on merchant vessels

may try to attract the attention of the fishing vessels through VHF radio, ALDIS lamp or the ship's whistle/horn. At times, they may not be successful for various reasons.

5. Merchant vessels sometimes leave it to the last minute before taking avoiding action.
6. Fishing nets are difficult to detect as they may be poorly marked.

Considering the difference in size and momentum between merchant vessels and fishing boats, such incidents can result in not only severe damage to the fishing boats but also loss of life.

## As a result, the following measures are recommended:

- ✓ Voyage planning
- ✓ Increasing bridge watchkeeping level
- ✓ Safe speed
- ✓ Use of RADAR/ARPA
- ✓ Keeping clear of clusters
- ✓ Attracting attention of the boats

Source: <https://safety4sea.com/>

# PIRACY AND ARMED ROBBERY AGAINST SHIPS IN ASIA (JANUARY-JUNE 2023)



## NUMBER OF INCIDENTS

**59 incidents**  
January-June 2023

Highest number of incidents amongst Jan-Jun of 2019-2023

No piracy incident, all armed robbery against ships

Compared to January-June 2022 (42)

**40% increase**  
in total number of incidents

Number of incidents (January-June of 2019-2023)



## SEVERITY OF INCIDENTS (JAN-JUN 2023 VS JAN-JUN 2022)

- No CAT 1 incidents for Jan-Jun of 2023 & 2022
- Incidents of crew sustained minor injuries [2 vs 1]
- Incidents of crew being tied-up [3 vs 0]
- Incidents of crew threatened [0 vs 1]



### CONCERNS

- Continued occurrence of incidents in Straits of Malacca & Singapore
- Threat of abduction of crew for ransom in Sulu-Celebes Seas (moderate)

ENHANCING REGIONAL COOPERATION...

Continue in page 16



continued from page 13 "Piracy and Armed Robbery Against Ships in Asia-RecAAP

## STRAITS OF MALACCA AND SINGAPORE (SOMS) - 41 incidents



### RECOMMENDATIONS

#### Littoral States

- Increase patrols and enforcement
- Respond promptly to incidents
- Strengthen coordination and promote information sharing
- Arrest and prosecute perpetrators

#### Ship master and crew

- Maximise alertness of lookouts and increase vigilance
- Take rounds of ship's compartment prior entering area of concern
- Sound alarm when sighting unauthorised persons on board ship or suspicious boats in the vicinity
- Keep abreast of latest situation, advisories & navigational broadcasts
- Report all incidents to nearest littoral State immediately, with contact details as follows:

#### CONTACT DETAILS OF LITTORAL STATES

Indonesia - BAKAMLA  
(Maritime Incident Reporting)  
Tel: +62 895 8003 00848  
Email: [puakodal@bakamla.go.id](mailto:puakodal@bakamla.go.id)

Malaysia - MMEA  
(Maritime Operation Centre)  
Tel: +60 38 943 4001 / +60 38 995 7201  
/ +60 19 261 1833  
Fax: +60 38 941 4527  
Email: [pomarhq@mmea.gov.my](mailto:pomarhq@mmea.gov.my)

Singapore - MRCC Singapore  
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Fax: +65 6227 9971 / +65 6224 5778  
Email: [poc@mps.gov.sg](mailto:poc@mps.gov.sg)

## ABDUCTION OF CREW IN SULU-CELEBES SEAS AND WATERS OFF EASTERN SABAH



No abduction of crew incident reported



Last known incident occurred in January 2020, no crew held in captivity

### Downgrading of Threat Assessment Level

Philippine Coast Guard recommended downgrading of the threat of 'Abduction of crew for ransom in the Sulu-Celebes Seas' to 'MODERATE' - 'Incidents are possible to occur but are relatively less severe in nature'

### Advisory & Guidance

Refer to updated ReCAAP ISC Advisory dated 15 Sep 2022 - **all ships to consider re-route from the area as an option based on its prerogative**



Refer to *Guidance on Abduction of Crew in the Sulu-Celebes Seas and Waters off Eastern Sabah*

ENHANCING REGIONAL COOPERATION...



# 6 Morning Stretches to Help You Start Your Day



## #1 Knees-to-chest

If it feels comfortable, you can also do this stretch by bringing both knees at the same time



## #2 Child's Pose

Child's Pose, a yoga position, can be a relaxing way to end a stretch routine



## #3 Seated hamstring stretch

Having flexible hamstrings is important for overall mobility when running



## #4 Toe touch

Reach the fingers toward the toes, and let the neck relax



## #5 Side stretch

Gently lean your body to one side, feeling a deep stretch along the side of your body



## #6 Shoulder stretch

Reach one arm across your body and gently use your other arm to deepen the stretch

**Hold every stretch for 20 seconds!**

If a stretch is painful, do not force the movement!

**SAFETY4SEA**

# Mission: Impossible - Dead Reckoning Part One

With world-threatening stakes and epic set pieces to match that massive title, *Mission: Impossible - Dead Reckoning Part One* proves this is still a franchise you should choose to accept.

Story: Agent Ethan Hunt (Tom Cruise) of the IMF (Impossible Mission Force) is assigned to

retrieve half of a powerful key from his ally Ilsa Faust (Rebecca Ferguson). He learns about Entity, a dangerous rogue AI system, and decides to find the second half of the key to gain control over it. Ethan embarks on a perilous mission, facing hurdles and encountering others with their own motivations to possess the whole key to control the Entity. The rest of the story follows his journey to find the key and prevent Entity from causing harm to the world. Does Ethan succeed in stopping the powerful AI system? You will find the answers in the movie.

Since 'Ghost Protocol' (2011), Tom Cruise has been on his own mission as an actor and entertainer – to outdo himself with audacious stunts in each entry. 'Dead Reckoning Part One' is no different, where Cruise rides a bike off a cliff, as heavily promoted in the trailers. Naturally, this may appear to be the film's centrepiece, and while it looks jaw-dropping on a big screen, the action has much more in store across its close to 3-hour run-time. The screenplay's pacing takes a little beating, but the film is thrilling, especially in its climax.

Once again, Tom Cruise and Christopher McQuarrie's constant need to challenge their respective



boundaries result in some increasingly tense set pieces. Paired with the franchise's iconic theme, they succeed in pushing you to the edge of your seat. Additionally, the plot raises the stakes for Ethan and his team, including Benji (Simon Pegg), Luther (Ving Rhames) and Ilsa (Rebecca Ferguson). Hayley Atwell shines as Grace and is a charming addition who pairs off brilliantly with Cruise's Ethan, both dramatically and comedically. In fact, this may be the funniest MI film in the franchise so far.

Of course, the star of the show is Tom Cruise, whose running antics are awe-inspiring despite his increasing age. His commitment to doing most of his stunts allows the fight choreography to breathe, and the film is so much better for it. In this year of adrenaline-driven action films, it has become increasingly hard to distinguish one from the other, but Cruise ensures he stands out from the rest. The fact that this franchise still has enough life left in it after seven films without feeling too exhaustive says a great deal about Cruise and McQuarrie's passionate dedication to action-based blockbusters.





## Rhodes fire triggers biggest evacuation in Greek history

Several weeks of blistering heat and strong winds turned Greece into a tinderbox, which is one of the reasons why the fires spread so easily. Wildfires fed by scorching temperatures, dry conditions and strong winds caused chaos at the peak of the summer tourist season in Greece.



Rhodes is by far the worst affected by fire, where temperatures had reached 45C, and the whole island had been put into a state of emergency. Thousands of people had been evacuated from homes and hotels on the Greek island of Rhodes after wildfires engulfed large parts of the island. Almost 20,000 people, mostly tourists, were forced to flee hotels on Rhodes, the island worst affected by the fires, in a single day. The operation was described as the biggest evacuation ever carried out in Greece. A state of emergency was declared in some areas of the popular tourist destination this week. The fires killed at least five people and burned almost 50,000 hectares of forest and vegetation. While most properties have suffered at most superficial damage, they cannot reopen until utilities are restored. The causes of the fires are still under investigation but arson has been suggested as a possibility by local officials in Rhodes. Thankfully, things have calmed nowadays.

## Devastating wildfires spur new detection systems

The destruction that fires all over the world have created, has spurred investment in technology that might help detect wildfires before they become serious.



OroraTech has two satellites in low-earth orbit with special sensors that monitor temperatures and plans to have eight in orbit next year. Combined with data from other satellites, their system can quickly spot temperature anomalies and report them to clients, which include forestry and fire fighting services. The system can also forecast how fires might develop. This software can also tell us which fire out of the many on the ground will grow faster than others. By 2026 their system should be able to scan the earth 48 times a day. Drones are also getting an upgrade to help fire-



fighters. Fire Drone, can withstand temperatures of up to 200C for as long as 10 minutes at a time. Used more for battling fires than detecting them, the idea is that this drone can swoop into burning buildings on its own and then relay information to firefighters such as the distribution of fire sources and the location of trapped people.

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## Hawaii wildfires burn historic town of Lahaina to the ground

**Raging wildfires fanned by hurricane winds have devastated the historic town of Lahaina on Hawaii's island of Maui.**

**Dry conditions combined with high winds and droughts contributed to the unprecedented fires.**



A US senator from the state, said that Lahaina is "almost totally burnt to the ground". Hawaii Governor Josh Green told CNN on Thursday more than 1,700 buildings and billions of dollars in property had been destroyed in the disaster. At least 53 people have died and thousands more have been evacuated as wildfires continue to devastate the historic town of Lahaina on the island of Maui, Hawaii. Maui's hospital system has been overwhelmed with burn patients and people suffering from smoke inhalation. "Firefighters are still trying to get the fires under control, and our first responders are in search and rescue mode," Mr Schatz said. There were reports that some people jumped into the ocean to escape the fast-moving flames. The US Coast Guard said it rescued at least a dozen people from the water. Maui County Mayor Richard Bissen Jr said in a news conference that many homes and business structures were completely destroyed. One resident in the town of some 12,000 people told local media that every boat in the town harbour was burning. "It looks like something out of a movie, a war movie," as reporters told Hawaii News Now.

## World Biofuel Day 2023: Date, Theme, History, Significance & Future of Biofuel

**Every year August 10 is observed as World Biofuel Day all over the globe. The day promotes and raises awareness about non-fossil fuels as an alternative source of energy. Also, the day focuses on the government's initiatives and efforts to conserve fossil fuels.**



World Biofuel Day is observed on August 10 every year. The day honours Rudolf Diesel, the person who created the diesel engine. World Biofuel Day celebrates one of the most remarkable inventions of history. On this day in 1893, Sir Rudolf Diesel successfully replaced peanut oil with fossil fuel to operate diesel engines. This discovery led to new channels of renewable and sustainable sources of energy. The day also highlights the environmental benefits of biofuels and promoting sustainable energy. Some of the key reasons to choose Biofuels over other forms of energy are:

- Biofuels do lesser harm to the environment in comparison to non-renewable fossil fuels.
- Renewable energy mitigates climate change and promotes sustainable energy.
- Biofuel reduces greenhouse gas emissions.
- Reduce the contamination of air and water.

The three main amendments are: To allow more feedstocks for the production of biofuels, to advance the ethanol blending target of 20% blending of ethanol in petrol to E20 by 2025-26 from 2030, to promote the production of biofuels in the country, under the Make in India program, by units located in Special Economic Zones / Export Oriented Units.



# Manchester City Score Victory Over Sevilla to Win First UEFA Super Cup

**M**anchester City beat Sevilla in a 5-4 penalty shootout following game that ended in a 1-1 draw after regulation time.

Manchester City held their nerve to beat Sevilla 5-4 in a penalty shootout and win the UEFA Super Cup for the first time in their history after an enthralling game ended 1-1 after 90 minutes.

The first nine spot-kicks of the shootout were all converted on

Wednesday but Sevilla defender Nemanja Gudelj struck his penalty against the crossbar to hand victory to Man City, who lost on penalties to Arsenal in England's Community Shield 10 days ago.

It was the 15th trophy won by Manchester City under manager Pep Guardiola's reign which started in 2016 and made up for the recent loss to Arsenal in the Community Shield.



## Djokovic beats Alcaraz in epic Cincinnati final



Novak Djokovic emerged victorious in a memorable match at the Western & Southern Open, saving a championship point en route to a 5-7, 7-6(7), 7-6(4) win against Carlos Alcaraz.

Despite being a set and a break down against World No. 1, Djokovic rallied, saved a championship point, and secured his 39th ATP Masters 1000 title. The intense match lasted for three hours and 49 minutes, displaying remarkable shot making and mental strength from both

players.

Djokovic described it as one of the toughest and most exciting matches he's ever played, expressing his thrill and dedication to these moments.

The match marked the longest best-of-three final in ATP Tour history.



	Vessel	Flag	Class		Vessel	Flag	Class
1	Alora	BMA	BV	16	Energy Chancellor	IOM	DNV
2	Braverus	IOM	BV	17	Energy Commander	IOM	DNV
3	Citius	IOM	BV	18	Energy Triumph	IOM	DNV
4	Colossus	IOM	BV	19	Furious	IOM	BV
5	Constantia	IOM	BV	20	Gladiator	BMA	BV
6	Delphi Ranger	BMA	BV	21	Heroic Striker	IOM	BV
7	Divinus	IOM	BV	22	Imperius	IOM	BV
8	Dynamic Striker	IOM	BV	23	Jaguar Max	BMA	BV
9	Energy Achilles	IOM	BV	24	Livorno	IOM	BV
10	Energy Afrodite	IOM	BV	25	Magic Striker	IOM	BV
11	Energy Apollo	IOM	BV	26	Panther Max	BMA	BV
12	Energy Ariadne	IOM	BV	27	Puma Max	BMA	BV
13	Energy Artemis	IOM	BV	28	Taurus	IOM	BV
14	Energy Athena	IOM	BV	29	Virtuous Striker	IOM	BV
15	Energy Centaur	IOM	DNV	30	Warrior	BMA	BV

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1	Good Hope Max	IOM	BV	1	5095 tbn Energy Delos	December 2024
				2	5096 tbn Energy Dione	January 2025

### Calling all our seamen onboard:

We are looking for new ideas, themes & articles of your interest (e.g. hobbies, events onboard, favorite recipes, safety concerns, environmental matters, etc.) to include in the company's monthly Newsletter.

If you'd like to be featured in the next issue, please email [ism@ensh.com](mailto:ism@ensh.com).



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