

# VOYAGES.

THE MAGAZINE OF QATAR GAS TRANSPORT COMPANY LTD. (NAKILAT)

NAKILAT QATAR | ISSUE 28 | September 2023

**SAILING TOWARD CHANGE,  
HARNESSING THE POWER  
OF COLLABORATION.**

**28**



JOINT VENTURES



Qatar Fabrication Company W.L.L.  
الشركة القطرية لتنظيم الصيالات





# CHARTING WAVES OF LNG EXCELLENCE: THE UNRIVALED STORY OF AL SADD

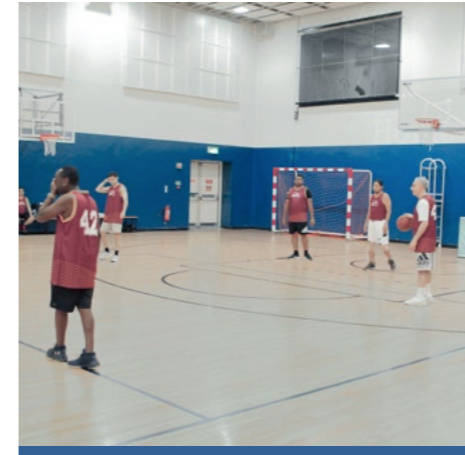


With a cargo carrying capacity of 210,200 cubic meters, Al Sadd is wholly-owned by Nakilat and chartered by Qatargas. The vessel was built in South Korea by Daewoo Shipbuilding & Marine Engineering and was delivered in September 2011, marking a significant milestone in the global LNG shipping industry. Since then, Al Sadd has consistently demonstrated its exceptional performance and reliability in transporting liquefied natural gas (LNG) to various destinations worldwide.

Equipped with advanced technology and engineering, Al Sadd is a prime example of modern maritime innovation. Its cutting-edge design enables efficient cargo transportation while adhering to rigorous safety and environmental standards. This vessel stands as a testament to the collaboration between Nakilat and Qatargas, showcasing their commitment to the responsible and sustainable delivery of energy resources across the globe.



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Welcoming New Joiners

### Editorial Team

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- ▶ Farzana Abdulla



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# CEO MESSAGE

With the first half of 2023 drawn to a close, Nakilat has continued its journey to be a leader in the energy transportation and maritime services industry, propelled by a series of significant achievements.. The year has seen Nakilat building upon the achievements and momentum of the previous year, demonstrating an unwavering commitment to operational excellence, customer-centricity, and strategic alliances that have been the bedrock of its continued success.

At the heart of Nakilat's remarkable journey lies a simple yet powerful force: its people. Recognizing that its greatest asset is its dedicated and talented team, both ashore and afloat, Nakilat has harnessed the power of teamwork and collaboration to steer its growth trajectory. This issue delves into the very essence of Nakilat's ethos – the value of collective effort and shared innovation – which has served as the engine driving the company's remarkable achievements.

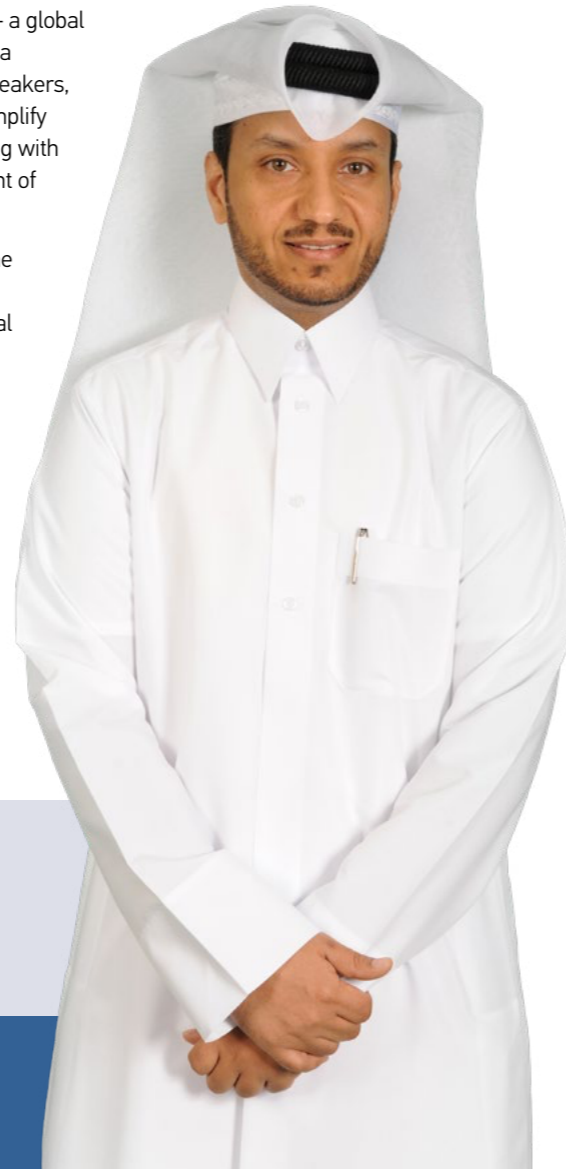
Standout milestones in Nakilat's recent voyage are the safety and quality of operations and the impressive financial performance it has achieved. Nakilat continues to retain the British Safety Council's five star rating for Safety and Environmental Management. The company's net profit for the first half of 2023 has surged to a remarkable QAR 775 million, representing a 6.1% increase compared to the same period in the previous year. This growth is a testament to Nakilat's sound long-term strategy, resilience, and unwavering focus on delivering value to its stakeholders.

One key highlight in Nakilat's calendar was its participation in the LNG2023 event – a global platform that has stood as a beacon in the international LNG industry for over half a century. With a gathering of 15,000 attendees, including over 250 exhibitors and speakers, LNG2023 serves as a confluence of ideas, innovations, and opportunities that exemplify the ever-expanding energy sector. Nakilat's presence at this prestigious event along with other industry organizations underscored its commitment to remain at the forefront of industry developments and connecting with the brightest minds in the field.

As Nakilat navigates the complex waters of the energy transportation and maritime services industry, it has earned its place among the Top 100 Listed Companies in the Middle East for 2022. This accolade not only acknowledges Nakilat's exceptional performance but also places it in the elite league of companies shaping the economic landscape of the region.

Looking ahead, Nakilat remains steadfast in its pursuit of excellence. Guided by its core principles of collaboration, innovation, and a relentless drive to exceed expectations, Nakilat is positioned to continue its transformative journey, setting new benchmarks and propelling itself toward an ever-brighter and more sustainable future.

Join us in celebrating Nakilat's remarkable voyage as it charts a course toward even greater horizons, proving that when people come together with purpose, the possibilities are limitless.

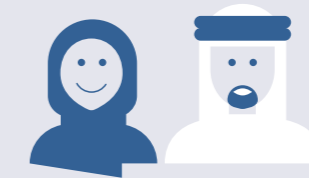


**A NET PROFIT OF**  
**QAR775** MILLION  
**FOR THE FIRST HALF OF YEAR 2023**

**Eng. Abdullah Al-Sulaiti**  
 Chief Executive Officer

# CORPORATE SCORECARD Q2, 2023

▶ **QATARIZATION RATE**  
**27.75%**



▶ **FLEET PERFORMANCE**

Nakilat wholly-owns & jointly-owns 74 strong fleet, comprising of 69 LNG<sup>1</sup> vessels, 4 LPG<sup>2</sup> vessels and 1 FSRU<sup>3</sup>

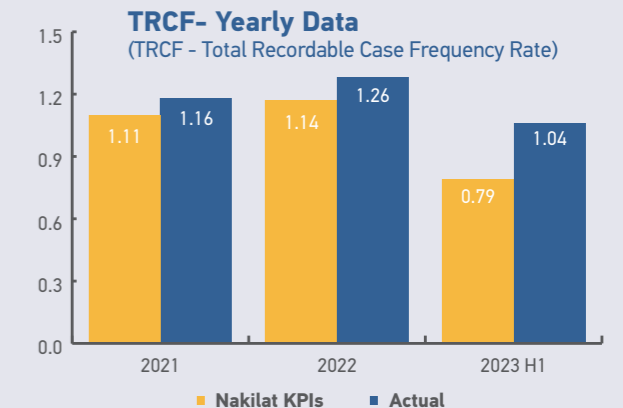
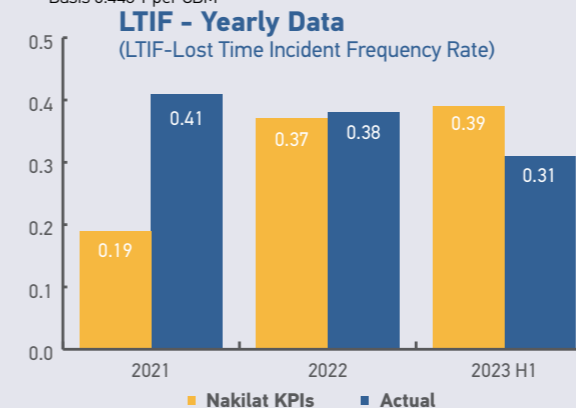
DATA AS OF SEP 2023	LNG CARRIERS (69 VESSELS)	LPG CARRIERS (4 VESSELS)
<b>Number of Cargoes Delivered</b>	<b>420</b>	<b>22</b>
<b>Estimated Cargo Volume (Tons)*</b>	<b>37,258,892</b>	<b>1,051,891</b>
<b>Estimated Distance Travelled (Nm)</b>	<b>1,924,327</b>	<b>102,400</b>
<b>Reliability (%)</b>	<b>100%</b>	<b>100%</b>

\*Basis 0.448 T per CBM

- 1** 69 LNGC (Ranging between ~148k-266k. cbm.)
- 2** 4 VLGC (LPG gas carriers ~ 82.5 k. cbm.)
- 3** 1 FSRU (not moving much 151k. cbm.)

▶ **SAFETY PERFORMANCE (SEP - 2023)**

\*Basis 0.448 T per CBM





# GLOBAL SERIES - SPOTLIGHT

The four modern LNG newbuilds of Nakilat are equipped with some of the most advanced technology in the market today, with two of them featuring ME-GI, and the other two X-DF propulsion systems. The two ME-GIs and the two X-DFs have a large cargo carrying capacity of 173,400 cbm and 174,000 cbm respectively.

WinGD is a pioneer in modern dual-fuel technology for two-stroke marine engines, with LNG fueled engines in operation since 2016. The well-established X-DF engines series offers a range of benefits over other dual-fuel engine concepts. Already matured into its second generation, X-DF2.0 offers a viable and proven step today towards meeting the long-term climate ambitions of ship owners, regulators and society.

Using WinGD's dual-fuel X-DF engines gives operators flexibility in reducing emissions. Fossil LNG offers an immediate 15-20% reduction in greenhouse gas emissions. By blending or replacing fossil LNG with carbon-neutral synthetic or bio-LNG, operators can reduce their emissions further without modification.

WinGD offers a better alternative in a world of stringent emission targets. Using benchmark, low-pressure technology offers compliance capabilities and viable solutions for new regulations.

The low-cost, highly efficient and reliable fuel injection concept used by WinGD's dual-fuel LNG engines offers several advantages over other dual-fuel engine concepts:

- ▶ Simple installation, low-cost auxiliary systems and low power consumption contribute to lower investment and life cycle costs
- ▶ Extremely small pilot fuel quantity, below 1% of total heat release
- ▶ Engines can be operated on gas down to very low loads
- ▶ Low NOx emissions, close to zero SOx emissions and IMO Tier III compliance without exhaust-gas after-treatment
- ▶ Particulate matter emissions significantly reduced.
- ▶ X-DF engines offer new marine engine standards with low-pressure gas technology. Engineered for efficiency – improving operational control, compliance and costs – with new levels of excellence built in.



**WinGD's 12X92DF engine has been awarded the Guinness World Records for the most powerful Otto-cycle engine ever built**

**The super-sized engines fueled from 18,600 cbm tanks, containing enough liquefied natural gas (LNG) to sail complete Asia to Europe round trip, will propel nine 23,000 TEU containerships operated by French shipping and logistics company CMA CGM.**

**The MAN B&W ME-GI two-stroke dual-fuel engine provides a future-proof solution for LNG/methane-powered vessels thanks to its negligible methane slip and high operational efficiency.**

## The world's most efficient LNG engine

Perfect for new builds or retrofits, the MAN B&W ME-GI minimizes operating costs by delivering the same industry-leading thermal efficiency no matter which fuel is used. This is a huge advantage, especially for container vessels in a market with fluctuating fuel prices. The ME-GI can also be fueled with bio-methane as well as synthetic natural gas, providing a clear route towards greenhouse gas reductions.

### Benefits

- ▶ Proven two-stroke MAN B&W engine technology
- ▶ Minimal environmental impact (low GHG emissions thanks to negligible methane slip and reduced CO2 emissions)
- ▶ Flexible operation using fuel oil or LNG
- ▶ Knocking is not an issue
- ▶ Supports waste heat recovery (WHR)
- ▶ Easy retrofit compared to Otto cycle engines
- ▶ No need to compensate with liquid oil fuels to accommodate low methane numbers or high ambient temperatures

### References

- 1- <https://www.wingd.com/en/> 2- <https://www.man-es.com/>





## FOSTERING COLLABORATION AND GROWTH: QUARTERLY PERFORMANCE REVIEW MEETING

The administration group organized its quarterly performance review meeting, where the departments within the group assembled to exchange updates, celebrate accomplishments, and engage in activities that nurture not only professional relationships but also a sense of camaraderie that extends beyond office walls. These sessions serve as bridges that span departmental divides, aligning everyone's efforts towards a common vision. By discussing updates and highlights, these meetings offer a panoramic view of the organization's progress and achievements, inspiring others to aim higher and contribute meaningfully. The agenda of the Quarterly Performance Review is meticulously crafted to encourage engagement, dialogue, and holistic growth.



## THE SPIRIT OF EID ON BOARD



Nakilat vessel 'Bu Samra' along with many others preserved Eid Al Fitr on board bringing together the crew who gathered to enjoy a lunch in celebration of Eid al Fitr.

The unique environment of a Nakilat vessel lends itself to creative adaptations of traditional celebrations.

Despite the trials of being at sea, seafarers find innovative ways to uphold their customs and share it with their fellow seafarers. The vessel's dining room hosted the gathering which brought crew members and officers to collaborate and prepare special meals, sharing dishes that reflect the diversity of their

backgrounds.

Through such moments we are reminded of the strong spirit of seafarers who conduct a life at sea. Their ability to adapt, share, and celebrate stands as a testament to the bonds that make the maritime industry a truly diverse and exciting realm.



# EMPOWERING THE NEXT GENERATION OF NATIONAL MARINE CADETS



Nakilat delegates from the fleet, finance and human resources department had two successful school visits in the month of May. A presentation, was conducted in the Dukhan Primary, Preparatory and Secondary School for Boys. Students had the opportunity to learn about seafaring as a career path and its requirements from a National Seafarer himself. Additionally, a short documentary video from Nakilat about "Life at Sea" was shown to the students, further informing them about the programs criteria and how to apply.

The second visit was to Qatar Science and Technology Secondary School for Boys, where the representatives highlighted the Marine Cadet program as a unique opportunity for Qatari high

school students, it aligns with Qatar's tradition of sailing and offers students a chance to study as part of a specialized program. The program also aims to expand the students career options as previously most QSTSS students tended to prefer positions within the military or ministries with their scholarship and sponsorship opportunities after high school completion.

Nakilat is planning further visits to the schools for extended assistance to provide further support to all students wishing to apply for the program. This signifies commitment to providing support and guidance throughout the application process for interested students.



# ENERGIZING THE WORKPLACE: CORPORATE SPORTS AND WELLNESS ACTIVITIES TAKE CENTER STAGE



We recently launched a refreshing start to our annual weekly health and wellness program, designed to foster camaraderie and physical activity among its employees. The initiative seeks to inspire a more active lifestyle and forge stronger bonds with colleagues and partners through sports. Designated programs for both genders are available.

The diverse range of activities gathered enthusiastic participation and has become an exciting opportunity for staff from all levels and departments to come together. Nakilat remains dedicated to promoting a healthy and active lifestyle for its employees, and such initiatives serve as effective means to achieve this objective. We continue to encourage all

members of our Nakilat family to partake in these activities, which will be conducted on a weekly basis. Together, we are committed to fostering a thriving and vibrant workplace where well-being and teamwork flourish.





# LNG '23 – VANCOUVER



## Showcasing Qatar's Leading Role in Global LNG Industry

Nakilat participated in the 20th International Conference & Exhibition on Liquefied Natural Gas (LNG2023) in Vancouver, Canada as part of the Qatari delegation.

Nakilat participated in this prestigious global event that has been at the forefront of the international LNG industry for over half a century. Drawing 15,000 attendees, along with more than 250 exhibitors and speakers, LNG2023 proved to be a melting pot of ideas, innovations, and opportunities within the ever-expanding energy sector.

What made this event truly exceptional was the showcasing of Qatar's key role in the global LNG industry through QatarEnergy, Qatargas and Nakilat.

The exhibition stand provided an excellent platform for our delegation to embark on a voyage of collaboration. Productive meetings and discussions with business partners and clients were held, with the common aim of expanding international business opportunities and promoting the capabilities of their joint venture companies, offering an impressive array of shipyard solutions and services.

The conference hosted engaging discussions on key trending topics in the LNG industry. Panel discussions centered around innovation in LNG Terminals and FSRU's, advancements in safety and social responsibility, navigating geopolitical risks, and tackling market

volatility. Moreover, the integral role of LNG in the energy trilemma was a focal point of these insightful conversations. Attendees had the unique opportunity to witness firsthand the remarkable advancements achieved by Qatar, firmly establishing it as one of the leading nations in the global energy sector.

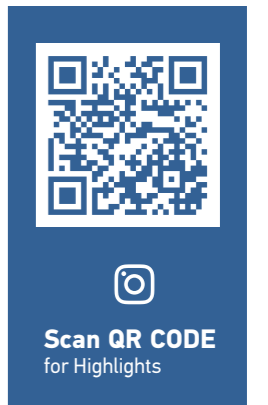
Adding a touch of grandeur to this extraordinary gathering was the presence of His Excellency Saad Sherida Al-Kaabi, the Minister of State for Energy Affairs

and President and CEO of QatarEnergy.

The resounding success at LNG2023 continues to inspire companies in the sector to embrace new challenges and opportunities on the journey towards a greener and more sustainable energy future. Qatar is gearing up to host the 21st International Conference & Exhibition on LNG – LNG2026. This prestigious global event stands as a preminent gathering in the LNG industry, offering a panoramic view of the sector's continued growth and

development on a global scale.

The significance of this occasion is further heightened by its alignment with the historic North Field LNG expansion project and the commissioning of one of the world's largest carbon capture and storage initiatives. As the world's largest LNG producer, Qatar is taking bold strides towards environmental stewardship and sustainability, setting a new benchmark for the global energy community.







# A CELEBRATION OF UNITY: GROUP IFTAR

It was that time of the year again when hearts are uplifted, and spirits are renewed - the staff Iftar Ramadan. In a heartwarming display of unity, the entire company and its subsidiaries converged to celebrate the holy month, transcending boundaries and fostering a sense of community that reflects the true essence of Ramadan. The event fosters a sense of belonging, reinforcing the idea that everyone is a vital thread in the fabric of the organization. It provides an opportunity for leadership to connect with their teams on a personal level, breaking down hierarchical barriers and encouraging an environment of open communication and mutual respect.



Scan QR CODE  
for Highlights

## SLICE OF ADVICE



**"Always be bold and never be afraid to take risks beyond your comfort zone"**  
Saleh Al-Raisi, Head of Chartering



**"Embrace continuous learning and be flexible, but above all enjoy what you do. The shipping industry is highly dynamic and influenced by global economic trends, regulations and technological advancements. So, keep up to date with the latest industry developments"**  
Kamaran Jomah - Sr. Financial Planning & Reporting Analyst.



**"Explore which type of industry you prefer to work with, to set a target and work hard to achieve the goal or target"**  
Salman Ahmad al-Sayegh - Head of Corporate Procurement



# INCIDENT & INJURY FREE (IIF) SESSIONS

Nakilat has commenced the second cycle of the IIF Program and have started scheduling refresher sessions for current staff as well as orientation sessions for new joiners.

The purpose of Nakilat's IIF program is to challenge the perception that incidents and injuries are simply a "part of the job." IIF Program includes working with leadership teams and employees at all levels to create change in people, processes, culture, and organizations. The intention of this program is to bring about transformation which results in a performance consistent with an authentic commitment to work without any injuries or incidents.



# SHEQ in FOCUS Initiative



SHEQ has introduced sharing of important topical SHEQ information through Sharepoint announcements and poster published around the head office premises. All staff should take note of this useful information and increase their awareness of the contemporary issues like prevailing weather conditions, key HSE initiatives within Nakilat, and the State of Qatar, and other useful information that is beneficial for our Health and wellbeing. These posters will be updated on a weekly basis.

# INTEGRATED MANAGEMENT SYSTEMS (ISO 9001:2015, 14001:2015 & 45001:2018) CERTIFICATION

Nakilat successfully renewed its Integrated Management System (IMS) Certificate, with the help of Lloyds Register, in compliance with ISO 9001:2015, ISO 14001:2015 and ISO 45001:2018 international standards.

The Re-certification audits conducted by LR validated that the Management Systems have been maintained in line with the requirements of the above standards and found continually improved. Lloyds Register endorsed Nakilat for Renewal of Certification for another three years.



# HAND & FINGER SAFETY CAMPAIGN



Hand & finger injury (hfi) campaign gained momentum with ras laffan industrial city (rlc) also launching their own campaign on "protecting hands from injuries". Experience share circulars were promulgated to all nakilat companies based on a couple of significant incidents.

## SHEQ in FOCUS

### WEATHER OUTLOOK

Note: Heat index (HI) is a measure that combines air temperature and relative humidity.

Day & Date	Friday 26.08.2023	Saturday 27.08.2023	Sunday 28.08.2023	Monday 29.08.2023
Max	42	43	44	44
Min	32	33	34	34
Alert	Danger	Danger	Danger	Danger

Day & Date	Tuesday 30.08.2023	Wednesday 31.08.2023	Thursday 01.09.2023
Max	43	44	41
Min	33	34	33
Alert	Danger	Extreme Danger	Danger

### QUIT SMOKING - LIVE HEALTHY

Tobacco contains over 4,000 harmful chemicals. Through use in the single biggest cause of cancer.

استهلاك التبغ يؤدي إلى الإصابة بالسرطان

### Tips to combat Heat Exhaustion:

- Drink cool fluids - preferably water or sports drinks.
- Cooling measures - take a cool shower, soak in a cool bath, or put towels soaked in cool water on your skin.
- Loosen clothing - Remove any unnecessary clothing; make sure your clothes are lightweight and nonbinding.
- Seek prompt medical attention, if you don't begin to feel better within one hour of using above treatment measures.

For more information on Heat Stress, its effects, and precautions, please refer SHEQ Essentials Handbook, Pages - 39 to 42.

### \*\*GREEN TOMORROW\*\* VOLUNTEER PROGRAM

Expo 2023 Doha is set to make history as the first AI International Horticultural Exhibition in Qatar, the Middle East, and North Africa. It is developed under Qatar National Vision 2030.

Theme of 2023- "Green Desert, better Environment"  
Date: October 2023 to March 2024  
Location: Al Bidda park, Doha

Volunteer to join "Green Teams" and contribute to Expo 2023 being diversity of people and experience together.

Volunteer roles are unpaid, however volunteering is highly rewarding experience with many other benefits.

### HSE MOMENT OF THE MONTH

#### FIRE SAFETY

### WINNERS OF SHEQ SPOT QUIZ

**RASHID AL-MARRI**  
 Chief Administration

**IBTESAM AL DOSARI**  
 Legal Dept.

**MUHAMMAD YASIR KHAN**  
 IT Dept.

**HASSAN GHOCOR**  
 CPR Dept.



# SHEQ TRAININGS

- ▶ **Emergency Response Training:** This is a familiarization training for all staff to offer guidance on response to an incident / emergency involving a Nakilat facility, or vessel. The training was launched through a new E-Learning Platform on Microsoft Teams. This platform was provided by E-Flow and utilizes state-of-the-art nano learning method through interactive messaging and ongoing alerts using Microsoft Teams.
- ▶ **NICE Session on Basics of HSE Risk Assessment:** This session was aimed at creating awareness to staff on the importance of HSE Risk Assessments, how they are carried out and determination of control measures for Risks identified. Risk Assessment is a primary management tool in ensuring Health & Safety of employees at the workplace. A good Risk Assessment helps to prevent accidents and ill health and is a legal requirement. The session received good response from the staff.



## SHEQ's QUARTERLY INCIDENT BULLETIN

SHEQ launched an in-house Quarterly Bulletin to provide brief details of incidents in the past quarter along with the Root Causes that led to the incident. The Bulletin also briefly discusses on the Preventive actions

required to prevent a recurrence. The objective of this bulletin was to give a glimpse of potential hazards that have culminated into incidents within Nakilat facilities / onboard vessels so that all other groups can learn from

them and prepare mitigating actions or plans accordingly. These bulletins will be published in the second month of every quarter.

## POWER-BI AS A MEDIUM TO VIEW HSE PERFORMANCE



SHEQ launched its Power-Bi Dashboard to display Nakilat's HSE Performance and its Joint ventures. This medium was instrumental in giving a new platform for the Senior Management to view HSE statistics and key details on incidents that have occurred across Nakilat and all its entities over a period of past 5 Years. This platform also facilitates multi-dimensional analysis of incidents and HSE statistics and thereby draw conclusions on Incident / accident trends within the Nakilat Group. The Dashboard is consistently updated by SHEQ to give and most recent information to Senior Management on incidents and related statistics.

# INTERVIEW SPOTLIGHT - LEE

Our editorial team had the opportunity to speak to Chief Engineer Lee on board LNG vessel Al Hamla.



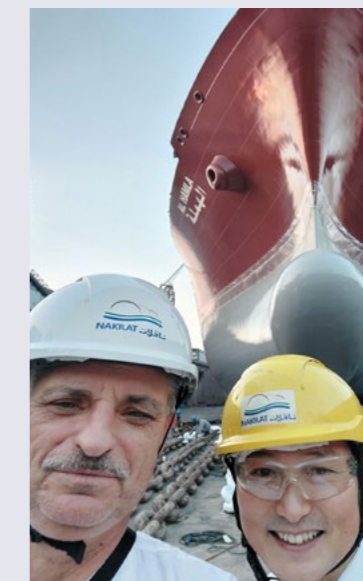
### What is the most rewarding thing about being on board from your experience?

My previous experience prior to my time at Nakilat has always been new build projects or drydock experience and since I joined Nakilat I was on board as Chief Engineer. Being new to life at sea, especially on an LNG carrier, has been a very exciting shift in my career. Additionally, this also marks my first time working with such a diverse group of people and has been such a rewarding experience which opened me up to many different cultures and different ways of thinking that has allowed me to grow as a person.

### What motivates you to become a fleet officer and carry a life at sea?

For me as a Chief Engineer my main source of motivation comes from supporting my team on board and helping them reach their goals. When

on board your coworkers become more than just your colleagues so it's important for me to create a safe environment for the team to work and live in the best conditions. We support each other and create genuine connections with the crew on board, which also reflects productivity at work.



### What advice would you give someone who is thinking of starting a career on board our fleet?

I would advise future colleagues who are interested in joining Nakilat to not hold back. Nakilat is a leading LNG transport company, and its reputation exceeds it. To anyone who thinks of pursuing a career in or has experience on an LNG vessel I would recommend joining Nakilat. This is an exciting time for the industry, and we are expanding substantially and with that comes a great opportunity to grow and succeed in this field of work. For me personally whenever I visit my university in Korea, I always recommend the juniors to aim to work worldwide to gain valuable experience and Nakilat is always at the forefront of that conversation.

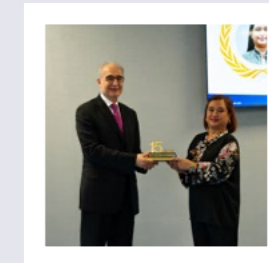
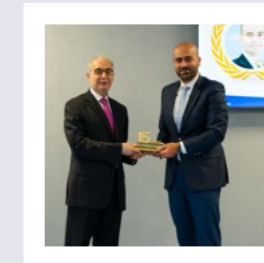
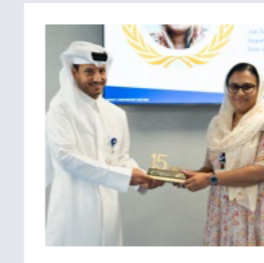


# CONGRATULATIONS LONG SERVICE AWARDS

YOUR DEDICATION AND COMMITMENT TO ACHIEVING NAKILAT'S VISION TO BE A GLOBAL LEADER AND PROVIDER OF CHOICE FOR ENERGY TRANSPORTATION AND MARITIME SERVICES IS HIGHLY APPRECIATED.

## 15 YEARS OF SERVICE

- ▶ Hamish Bullen
- ▶ Hani Abuaker
- ▶ Suhana Biju
- ▶ Niegil Manoj Delos Santos
- ▶ Levi C Acse
- ▶ Eleanor Makainag De Asis



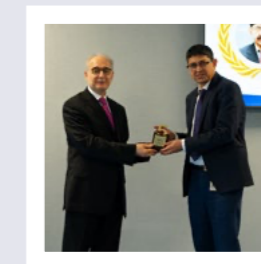
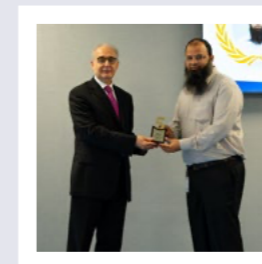
## 10 YEARS OF SERVICE

- ▶ Giles Cesar Gucor
- ▶ Adil Eshassah
- ▶ Noora Abdulaziz Al - Hayder
- ▶ Yousaf Abdulrahman Al-Rashid
- ▶ Nawal Mashal Aldossary
- ▶ Robi Ivancic



## 05 YEARS OF SERVICE

- ▶ Ali Mohd A M I AlBloushi
- ▶ Abdulrahman Isam G H I Gul
- ▶ Mohd Mukram Khan
- ▶ Anthony Carl I Roxas Fernandez
- ▶ Anup Singh
- ▶ Vivek Singh Marwah





# N-KOM HIGHLIGHTS

## SECOND CONSECUTIVE FIVE STAR RATING IN THE BRITISH SAFETY COUNCIL FIVE STAR OCCUPATIONAL HEALTH AND SAFETY AUDIT

N-KOM achieved a second consecutive Five Star rating after successfully completing the British Safety Council (BSC) Five Star Occupational Health and Safety Audit in May 2023. In addition, N-KOM also achieved an improvement in the overall audit rating over the previous score in 2022. This underscores N-KOM's capability for continual improvement and further solidifies our strong commitment to Occupational Health, Safety and Wellbeing. This achievement is a testament to everyone's hard work towards implementing best practices in the shipyard industry. Such sustained results can only be realised with continuous collaboration, teamwork and a strong belief that we are among the best shipyards in the world.



## LAUNCH OF THE GUARDIAN ANGEL LIFE SAVING INITIATIVE

N-KOM launched a new Employee Empowerment programme entitled 'Guardian Angel Life Saving Initiative' in May 2023. This initiative is in harmony with the KEEL Philosophy at N-KOM. KEEL stands for Knowledge, Engagement, Empowerment, and Leadership, which outlines N-KOM's approach to knowledge sharing (through training, meetings, OJT, seminars), stakeholder engagement, empowering employees to voice concerns, implement safety measures, and offer feedback to management regarding unsafe work practices or conditions that may lead to undesirable events or incidents affecting life or property. The Guardian Angel initiative aims to positively reinforce the benefits of working safely through proactive recognition, evaluation and control of unsafe work practices and hazardous conditions. As part of N-KOM's continual improvement strategy, this initiative aims to further enhance development of a positive Health & Safety culture amongst all stakeholders by empowering them and by implementing a safety recognition scheme/initiative that encourages safe work practices among all stakeholders including our subcontractors.

# SOLUTION-BASED ANALYSIS OF SAFETY



Guided by the goals of raising standards and practices, N-KOM conducted a full review of Safety management, systems and procedures across the business. From this review that was jointly undertaken by HSSE and Shipyard Training Centre, several Solution-based Training and Competency Development programmes were implemented from January 2023. Kelvin Topset and IOSH Managing Safely Course are two of the Training programmes that have been successfully completed between January and May.

### Kelvin Topset

Staff from N-KOM HSSE attended the training that focused on various aspects of investigating an incident. The training provided knowledge and practice on creation of an Investigation team, Incident statement formulation, Investigation planning, Data gathering and storage, Interviewing techniques, Storyboarding, Root Cause Analysis, creation of standardized reports and Specific Measurable Achievable Realistic Time-bound (SMART) actions.

### IOSH Managing Safely Course

The programme was attended by a total of 232 staff comprising Managers, Supervisors and Engineers. The training covered the basic principles of health and safety in the workplace, providing practical insights into common workplace risks and hazards, understanding how to assess those risks and manage them.

## LAUNCH OF MULTI-LANGUAGE TAKE - 5 CARDS

N-KOM Management recognizes that Safe working is paramount, and this must be well understood by everyone to practice daily safe and healthy working in all aspects of our yard operations and workplace activities. With this in mind, N-KOM HSSE led the initiative to

translate Take - 5 messages into the key languages spoken by the workforce and issued a credit card sized Take - 5 card to each member. The aim is to get each staff to read, reflect, relate to the messages in the Take - 5 card and reinforce Safety as a personal responsibility.







## PERIODIC HEALTH AND SURVEILLANCE PROGRAMMES

### Health checks

As part of efforts to ensure the health and well-being of our staff, N-KOM HSSE has conducted periodic Health checks at the workplace comprising a Health Surveillance questionnaire and Blood Pressure, Pulse Rate, Respiratory Rate, Random Blood Sugar, Eye test, ECG, Spirometry and Colour Vision assessments. This programme also

facilitates early detection, intervention and follow-up with medical care/consultation to ensure proper management of health issues.

### Heat Stress Management programmes

Since the onset of Summer, monthly Heat Stress Management programmes have been organised to heighten awareness

and understanding of heat stress prevention, symptoms and management of any incident.

### Hearing Conservation Awareness programme

Hearing Conservation Awareness programme was started on 28 February 2023 & conducted every Tuesday in March & April.

## N-KOM AT SEA ASIA 2023



N-KOM participated as an Exhibitor at Sea Asia 2023, Asia's anchor Maritime and Offshore event held at the Marina Bay Sands, Singapore from 25 - 27 April. Sea Asia 2023 served as an excellent platform for N-KOM to showcase our yard capacity, technical capabilities and wide-ranging, value-added ship repair solutions. The event also facilitated face-to-face meetings and discussions with clients, partners, suppliers and visitors on business opportunities, products and services.

## PARTICIPATION AT QATAR PROJECT SHIPPING FORUM

N-KOM CEO participated as a Presenter at the Qatar Project Shipping Forum (QPSF) held in London from 15 May to 18 May. Qatar Project Shipping Forum (QPSF) serves as a platform for knowledge sharing between all ship operators and charterers. The forum discussed ideas on topics of common interest such as safety and environment,

capability development, technological advancements, ship performance and shipping operations. The N-KOM presentation entitled "Delivering Competitive Sustainable Value" provided insights on our strong commitment, objectives and achievements in addressing market needs and regulatory requirements. It also highlighted

coordinated efforts with our stakeholders to increase operational efficiencies, safety, quality and environment, capability development, technological advancements and yard performance to deliver competitive sustainable value to our clients and stakeholders in a safe, reliable and efficient manner.

## THE PRESENT AND FUTURE FOR MARKETING N-KOM



On 13 June, N-KOM organized a Marketing Agents Meeting with the theme "The Present and Future for Marketing N-KOM". The aim was to facilitate face-to-face engagements and discussions on the way ahead together. As part of this, the respective

international Agents shared their views, experiences and challenges through presentations and interactions with senior management. The event also provided a valuable opportunity for the Agents to tour the yard and gain first-hand insights on our capabilities,

capacity, focus on safety, quality, improvements to our facilities and the expanded range of value-added services and solutions that N-KOM delivers to its clients.

## AGREEMENTS WITH LEADING INTERNATIONAL COMPANIES

N-KOM has continued to broaden its technical collaboration through agreements with leading international companies. The respective agreements are aimed at expanding the suite of value-added ship repair solutions that we provide to clients' vessels docking at our shipyard.





## SERVICE AGREEMENT WITH HSD



N-KOM has strategically solidified a comprehensive Service Agreement with HSD, a globally acclaimed manufacturer of diesel engines. This accord strongly underlines N-KOM's resolute dedication to enhancing operational efficiency and

bolstering its Main Engine (2-Stroke) maintenance services through a synergistic partnership with a renowned international entity. Moreover, this landmark agreement serves as a catalyst for prospective collaboration

on the upkeep of dual-fuel engines (ME-GI, MEGA & X-DF), while mutually embarking on seizing regional and international business prospects in unison.

## CONTRACT AGREEMENT WITH VERTIDRIVE

N-KOM's steadfast commitment to embracing technological advancements and integrating innovative approaches for operational excellence finds further validation in its recent procurement of Vertidrive robotic machines. Aligned with this acquisition, a comprehensive Contract Agreement has been established between N-KOM and Vertidrive, encompassing specialized training provisions and comprehensive after-sales support. This strategic undertaking stands as a pivotal stride within N-KOM's unwavering journey to position itself as the shipyard of choice, dedicated to providing enduring sustainable solutions to its esteemed clientele.



## MOU WITH ALFA LAVAL MIDDLE EAST LTD

Alfa Laval, an international Waste Heat Recovery System & Services provider visited N-KOM shipyard on 9 March. The visit lead by Alfa Laval Chief Executive Officer Tom Johan Eriksson enabled them to engage N-KOM Chief Executive Officer, Damir Glavan and senior management to gain a first-hand insight on the capacity & technical capabilities of N-KOM and our drive to provide leading, sustainable green shipping solutions. The Memorandum of Understanding (MoU) on Heat & Gas Systems between N-KOM and Alfa Laval enables the provision of specialized products and engineering solutions related to heat transfer, separation and fluid handling technologies to undertake projects related to Waste Heat recovery and reduction of Greenhouse Gas emissions.



## CONSERVING OUR ENVIRONMENT, CONTRIBUTING TO SUSTAINABILITY

Demonstrating our steadfast dedication to environmental stewardship, our passionate staff enthusiastically engaged in and contributed to two impactful initiatives orchestrated by QatarEnergy within the vibrant Ras Laffan Industrial City.



### TREE PLANTING DRIVE

N-KOM staff enthusiastically participated in a community-driven 'Tree Planting Drive', a proactive initiative aimed at expanding the green cover of Ras Laffan Industrial City (RLIC). This collaborative effort plays a pivotal role in enhancing both air quality and temperature moderation, contributing to a more sustainable and vibrant environment.

### TURTLE BEACH CLEAN-UP

N-KOM staff participated in marine life conservation through the 'Turtle Beach Clean-Up' located at Ras Laffan Industrial City (RLIC). The RLIC beach is home to a turtle species which uses the location as its nesting ground. The annual activity is focused on ensuring that the beach could offer a conducive environment for the Hawksbill Sea turtles to nest and sustain their species.





# QFAB ATTAINS EN 1090-1 CERTIFICATION FOR CE-CERTIFIED PRODUCTS

CE is the globally recognized mark for the safety and protection of the product. The CE marking indicates that a product meets EU safety, health, and environmental protection requirements, allowing for that product to be sold within the countries of the European Economic Area (EEA).

The award of this certification was the outcome of a successful audit by the accredited third-party body, Intertek Italia SpA and was required to be obtained as part of a project to build two Spent Caustic Treatment Modules for an Ethylene Cracker project.



# QFAB NEARS COMPLETION OF FIVE WELLHEAD JACKETS FOR QATARGAS NFS PROJECT



Qatar Fabrication Company (QFAB) is nearing the completion of the construction and loadout of five Wellhead Jackets, for its client McDermott Intl. on the for the Qatar Gas North Field South (NFS) project.

The total Jackets weigh approximately 18,000 tons and were loaded out from QFAB's facility in the QatarEnergy owned and Nakilat operated Erhama Bin Jaber Al Jalahma Shipyard in Ras Laffan Industrial City at the heart of Qatar's energy sector. This important milestone is the culmination of more than 4.3M LTI-free work hours of fabrication and constructing the process module.

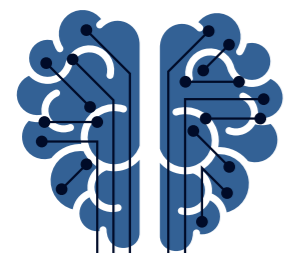
"This is an incredible milestone on the largest scope of offshore construction of its kind ever built in Qatar. We are immensely proud that our work at QFAB contributes to the Qatar National Vision 2030 and is in line with the Tawteen and QatarEnergy's In-Country Value (ICV) initiatives. "The sail away of the Jackets is of key importance for the NFS Project as it marks the conclusion of onshore construction, and with this the remaining installation and hook-up work on NFS will take place offshore where the jackets will be integrated with the wellhead topsides at the NFS site." said John Macpherson, QFAB's Managing Director.

The Wellhead Jackets will be a crucial part of the NFS project development which will add new offshore wellhead topsides, pipelines, and onshore facilities to boost LNG production for export. The new development will add fifty wells on five wellhead platforms (WHP's) located approximately 20-30 km from Ras Laffan with a water depth variation of 18 to 24 meters in the North Field. The five WHPs shall feed two (2) LNG mega trains, one pair of WHPs shall support one LNG mega train. Each pair of WHPs are connected through an intrafield pipeline tying into a trunk line.



# THE LNG WORLD

Find the Differences



## HERE ARE 5 MIND-BOGGING FACTS ABOUT THE LNG SHIPPING INDUSTRY

- ▶ Methane Pioneer was the first oceangoing LNG tanker in the world (1959).
- ▶ LNG carriers typically have a crew of around 25-30 people, including officers and engineers.
- ▶ The LNG shipping industry has a relatively low accident rate compared to other types of shipping.
- ▶ The global LNG shipping market is expected to reach USD 12.6 billion by 2025.
- ▶ There are 639 active LNG carriers operating in the world today, with a projected 7.5% fleet expansion by end of 2023.\*

\* <https://www.montelnews.com/news>

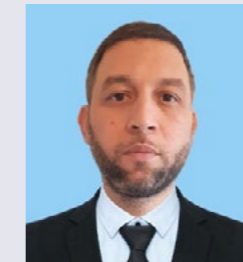
\* <https://theseaholic.com>

\* <https://www.helderline.com/tanker/methane-pioneer>

## WELCOME ONBOARD OUR NEW JOINERS



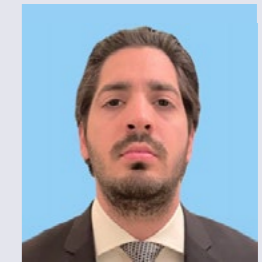
**Georgios Pitaoulis**  
Head of Marine  
Personnel



**Younes Alouani**  
Fleet Project  
Superintendent



**Akshay Babu Shetty**  
Technical  
Superintendent



**Andreas Kalavrytinios**  
Senior Shipping Analyst



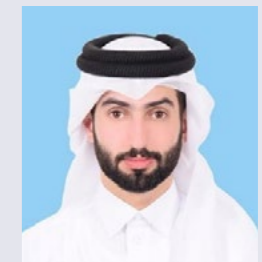
**Ragul Pallot**  
Senior Marine  
Purchasing Officer



**Kirill Bogdan**  
Voyage Performance  
Analyst



**Sumesh Sulochana**  
Senior Information  
Security Officer



**Omer Al-Hammadi**  
Corporate Planning  
Analyst



**Fayyaz Ahmed**  
Payable Accountant  
Assistant



**Raman Annamalai**  
Payroll Accountant  
Assistant



**Fernandez Chakkunny**  
Drydock Cost Controller



**Manish Bagel**  
Opex Controller



**AravinthKumar Jothi**  
Boarding Agent



**Latifa Al-Shamlan**  
Corporate Planning &  
Risk Developpee



**Khalid Alromaihi**  
Supply - Developpee



**Aisha Al Mansouri**  
SHEQ - Developpee