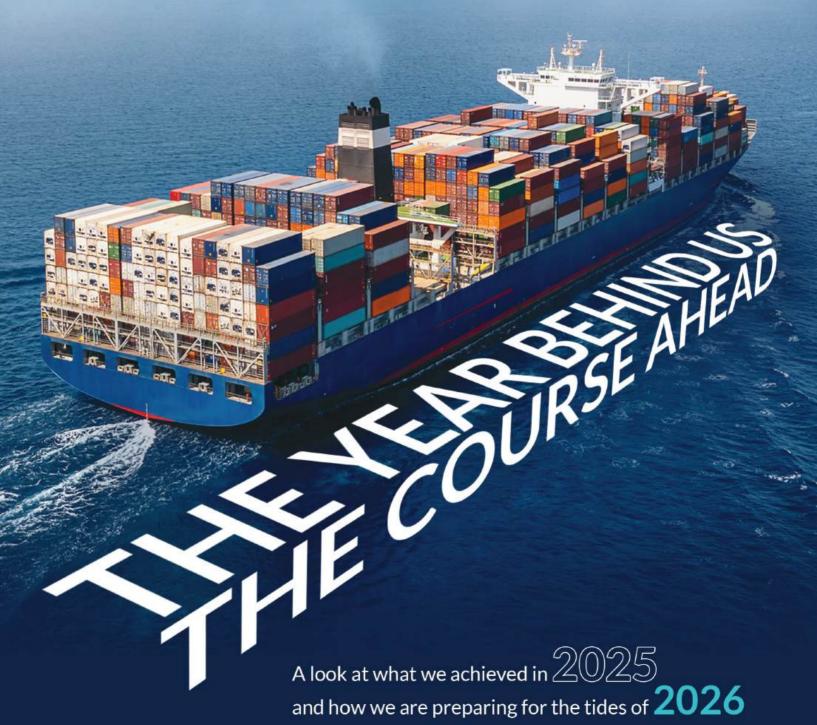


NAUTILUS SHIPPING





YEAR-END

REFLECTIONS

LEADERSHIP THOUGHTS on 2025 and the PATH to 2026







2025 was a defining year for Nautilus. The smooth takeover of the Transworld vessels in a remarkably short span of time stands as our most significant achievement, showcasing our operational discipline, readiness, and the trust the industry places in us. We also strengthened our global footprint by partnering with an international player for their crewing needs, reaffirming the credibility of our systems and our people.



Renewing the JSW contract for another three years and increasing the number of trainees inducted on board were equally meaningful milestones. Above all, the successful launch of the India–Sri Lanka passenger service, an industry first, signalled Nautilus' transition into a more mature, visionary organization capable of delivering projects that create long-term regional value.

This year underscored a timeless principle: *quality must always outrank quantity*. Discipline, attention to detail, and a deep commitment to doing the basics right shaped every major decision we made. I have consistently encouraged the team to embrace this mindset, and seeing them align with it has been one of the most rewarding outcomes of the year.

We also gained clarity on the type of growth we want—measured, purposeful, and centred around quality clients who value transparency and long-term partnership. The year reminded us that sustainable growth is built on craftsmanship, discipline, and consistency.

We enter 2026 with strategic clarity and momentum. Stronger partnerships, sharper operational controls, and a renewed focus on excellence position us to deepen relationships, expand our portfolio, and strengthen our bottom line. We are prepared to scale responsibly, attract the right clients, and continue shaping opportunities rather than merely responding to them. The foundation is solid, and the road ahead is promising.

To our team across sea and shore, thank you for your **faith, discipline, and resilience.** Your alignment with our goals and your ownership of them have been central to our progress. You carry the Nautilus ethos with pride and professionalism.

To our clients and partners, thank you for treating us as true partners. Your trust drives us to operate with transparency, diligence, and a relentless commitment to value creation.

As we close the year, let us stay anchored in discipline, tradition, and quality. **The next chapter is ours to build, together.**





or 2025, if I had to pick one defining theme rather than a single moment, it would be this: Nautilus truly grew from being a "service provider" to being a "strategic partner" in shipping.

Whether it was deepening our work with long-standing clients, taking on more complex coastal and defence-linked projects, or being trusted to manage larger and more demanding vessels with Indian crew, we saw our partners turn to us not just to run ships – but to help them **de-risk**, **plan**, **and grow their businesses**.

Internally, the way our teams across crewing, technical, operations, and accounts came together around tough projects this year is what I will remember most. The ships, contracts, and numbers matter – but the defining achievement was watching Nautilus operate as **one integrated, learning organization**, not a collection of departments.



Three big lessons stand out for me:

People and systems beat heroics.

The more complex our projects became, the clearer it was that we cannot depend on individual brilliance alone. Clear SOPs, stronger accounting and compliance processes, robust safety culture, and documented knowledge have become non-negotiable.

Saying "no" is a growth strategy.

We increasingly chose to walk away from business that did not fit our values, risk appetite, or operational strengths. That discipline is what will protect Nautilus and our people in the long run.

Digital and data are no longer optional.

From using AI to draft communication and analyze problems, to better use of platforms for crewing, technical, and finance, we saw how technology can save time, reduce errors, and improve decision-making. 2025 felt like the year we moved from "experimenting" with digital to integrating it into how we work.

Looking ahead, I'm excited that our ambition is finally matching our capability.

In 2026, we are not just aiming to add more vessels – we're aiming to:

- Strengthen our position as a **preferred Indian crew and technical manager** on the coast and beyond
- Build the foundations for **owning and managing tonnage**, not just servicing it including new capital and partnership structures
- Use **data and AI** more deeply in safety monitoring, performance analysis, and day-to-day decision making on ships and ashore
- Invest heavily in **people development** from cadets and junior ranks to superintendents and future leaders

What excites me most is the possibility that Nautilus can be **both**: a high-performance, profitable shipping platform **and** a place where seafarers, superintendents, and shore staff feel proud, supported, and seen.

To our **seafarers and your families** – everything we do at Nautilus rests on your shoulders. You carry our flag across oceans, often in difficult conditions and far from home. Thank you for your professionalism, resilience, and trust.

To our **shore teams** – crewing, technical, operations, accounts, HR, admin – you are the engine room that most people never see. The long days, last-minute crew changes, late-night calls, audits, and paperwork are what make "smooth" operations possible. I see it, and I am deeply grateful.

To our **clients and partners** – thank you for trusting Nautilus with your vessels, your people, and your reputation. We do not take that responsibility lightly. Our promise as we step into 2026 is simple: **more transparency, stronger systems, sharper execution, and the same unwavering commitment to safety.**

As we close the year, my reflection is this: Nautilus is still a work in progress – and that is our greatest strength. We are learning, improving, and thinking bigger every single year. I'm proud of how far we've come, and even more excited about where we are headed, together.





2025 has been a year of solid progress and defining moments for Nautilus Shipping, but one achievement stands above the rest: **the signing of a Crew Management Agreement** with the Transworld Group for their fleet of 18 vessels.

This milestone is more than a business win; it's a clear validation of Nautilus's consistent focus on reliability, transparency, and performance over nearly two decades in the crew management space. Partnering with a reputed and diversified group like Transworld reinforces the trust the global maritime community places in our team and process.

Behind this success lies the quiet dedication of our shore staff, who have consistently delivered operational excellence under demanding schedules. Their professionalism continues to strengthen the Nautilus brand and uphold our commitment to safe and efficient ship operations.



As we move forward, this partnership with Transworld symbolizes what Nautilus stands for — steady growth built on trust, competence, and results.

As Nautilus continues to evolve and grow, 2025 has reminded us of one simple but **powerful truth**: when the members of top management are aligned in their vision, the possibilities are limitless.

In any organization, it's easy to get caught up in daily challenges and operational pressures. But this year proved that **clarity at the top creates momentum across every level.** When our leadership team shared a unified focus on excellence, discipline, and sustainable growth, decision-making became faster, teams more coordinated, and results more visible.

The takeaway is clear: alignment is not just about agreement, it's about collective commitment. When leadership pulls in the same direction, every challenge becomes manageable and every milestone achievable.

As we step into 2026, there's a renewed sense of purpose and optimism at Nautilus. The year ahead is filled with endless opportunities, and our focus is clear to strengthen and expand our footprint in technical management.

The restructuring of our technical department has laid a solid foundation for growth. With enhanced processes, sharper accountability, and a more agile decision-making structure, we're now better positioned to take on additional vessels and deliver even higher standards of operational excellence.

What excites us most is not just the prospect of adding ships to our management portfolio, but the chance to demonstrate what Nautilus truly stands for: **competence**, **reliability**, **and performance through teamwork.** 2026 will be a year of consolidation, capability building, and forward movement, one where Nautilus turns ambition into tangible results.

As we close out 2025, I want to take a moment to reflect on what truly drives Nautilus forward — **our people and our partnerships.**

We have a great team, dedicated, resilient, and passionate about what we do. This year has tested us in many ways, but it has also shown that when we stay focused, patient, and united in our purpose, progress always follows.

Success doesn't come overnight, but it's never far away when the foundation is strong. I firmly believe that success is just around the corner, and every day of hard work brings us closer to it.

As we move into 2026, let's continue to give our best, support one another, and most importantly, **enjoy the work we do.** Because when passion meets perseverance, great things happen.



Celebrating One Year of the NAUTILUS NEWSLETTER

"The secret to getting ahead is getting started." – Mark Twain

could share our perspectives. That's how this newsletter was born. What started as a small idea soon became an exciting journey. From the directors' editorials and seafarer stories to technical insights and our take on maritime topics, every edition began taking shape in a meaningful way.

The idea began with a simple thought: to create a space where seafarers and all of us at Nautilus



Shaping a Publication That Reflects Who We Are

As the first drafts came together, the team had a clear vision of what the newsletter should be — something that reflected the quality, commitment and values of Nautilus Shipping. After several rounds of research, writing, and design refinement, the first ever edition of the Nautilus Newletter, the Jan 25 edition, was launched.





What Goes Into Every Edition

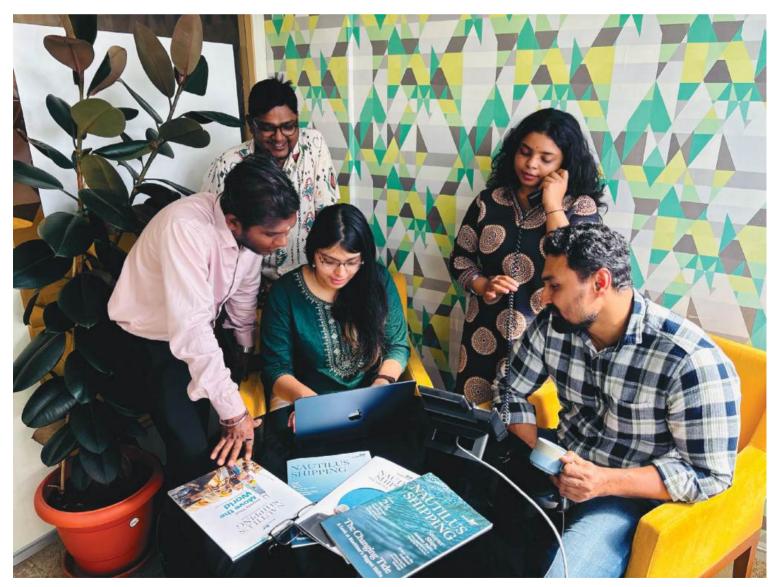
A lot of detail and care go into every issue of this newsletter. Each edition begins with a theme, the foundation that guides the tone, flow, and content. Once the topic is set, we structure the newsletter into sections that ensure consistency and readability.

From there, we dive into research, gathering insights from directors' editorials, technical experts, and Nautilus employees, along with stories and experiences shared by our seafarers. Every voice adds value, ensuring that the newsletter remains both informative and engaging.

Once the content is compiled, our copywriter shapes it into a cohesive narrative, refining tone, structure, and clarity. After reviews and approvals, our design team steps in to bring the words to life with layout, imagery, and creative direction inspired by our brand vision. The development team then ensures a seamless final output that meets our standards before publication.

This newsletter is a true team effort, built on creativity, detail, and collaboration. Without the commitment of our copywriter, designers, and developers, it simply wouldn't be possible.

We are truly thankful to our creative team for their dedication and artistry, and to the entire Nautilus team who share their knowledge and time despite demanding schedules. A special thanks to our seafarers, whose stories and experiences give this newsletter its heart. And finally, to our readers, your encouragement keeps us inspired to make every edition better than the last.



The Nautilus Newsletter Creative Team







A Community That **Keeps Us Moving**

The response to the newsletter has been overwhelming; the appreciation, feedback, and engagement from readers, clients, and colleagues have truly made the effort worthwhile. Every message, suggestion, and shared story reminds us why this platform matters. It has become more than a publication; it's a space where the Nautilus community comes together, learns together, and grows together.

Looking Ahead

Together, let's keep moving forward, one story at a time.

FUN FACTS

The World's Busiest Sea Lanes

The English Channel and the Suez Canal see some of the heaviest maritime traffic on Earth, shaping shipping schedules and routing decisions worldwide.

The Ocean's Tiny Oxygen Makers

Phytoplankton may be microscopic, but they produce about half of the world's oxygen, keeping both the sea and the atmosphere alive.

The Ocean's Climate Role

Our oceans absorb around 23% of human CO₂ emissions and more than 90% of excess heat, helping to regulate the planet's temperature and weather patterns.

Rogue Waves Are Real

Once considered a sailor's myth, rogue waves are now instrument-verified, towering more than twice the average wave height and reshaping modern ship-safety design.



Our Voyage Through 2025: **Highlights & Defining Moments**

It set the tone for the year ahead, creating a platform that brings sea and shore

closer together.

BreakBulk: Strengthening Global Relationships in Dubai

A valuable opportunity to engage with ship owners, operators, and industry partners in person. The event strengthened our network and reinforced Nautilus' presence on a global stage.

The Nautilus Website Gets a New Look

A refreshed digital presence that reflects who we are today and the vision we carry forward. The new platform strengthened our communication, transparency, and brand consistency across all touchpoints.

The Nautilus Newsletter: A New Voice for the **Nautilus Community**

Our first edition marked the beginning of a dedicated space for insights, stories, and shared learning.

Tradewinds: Representing Nautilus on an International Stage

A milestone moment that positioned us alongside leading voices in the maritime sector. Our participation opened doors for deeper conversations on operations, fleet performance, and industry direction.

MARCH



Visit from the Ambassador and

AUGUS

NOVEMBER

DECEMBER

A proud moment that underscored our long-standing relationship with global maritime institutions.

Consul General of Panama and the Chief of Segumar Korea

Nautilus Talks: A New Platform for Maritime Conversations

A new initiative designed to spark meaningful conversations across the maritime industry. This video series allows us to explore relevant topics, share expertize, and learn from diverse perspectives.

MUI Foundation Day & ICCSA: Celebrating India's Maritime Strength

Two key industry events closed the year on a high note. Nautilus joined the Maritime Union of India Foundation Day, honoring the dedication of Merchant Navy officers. We also attended the ICCSA Annual Celebration, recognizing the progress and potential of India's coastal shipping community.

A Major Expansion of Our Fleet Portfolio

A significant achievement for our operations and crewing teams, delivered with precision and coordination.

The seamless transition highlighted our ability to manage complex onboarding processes efficiently.

Naavik Manthan: A Day Dedicated to Seafarers and Shared Progress

A day dedicated to collaboration, dialogue, and knowledge exchange between sea and shore teams.

The conference reinforced our commitment to seafarer welfare, growth, and community-building.

Campus Cadet Drive: New Talent Joins the Nautilus Journey

A two-day recruitment drive at Jeyanthinathar Academy and Asha Maritime brought strong interest in our NCV Cadetship programme.

With 38–40 applications and 13 successful selections across 2 colleges, this month marked another step toward strengthening our future sailing teams.



Sustainability Growth in 2025 and What Comes Next

The maritime industry enters 2025-26 with a sharper focus on emissions control, fuel standards, and data-driven compliance. With several major frameworks moving from preparation to verification, the coming year will be critical for ship owners, operators, and technical teams. Below is a clear look at the key sustainability regulations shaping 2026, and why they matter.



FuelEU Maritime — First **Verification & Document** of Compliance Cycle

What it is:

A mandatory EU regulation requiring ships calling at EU/EEA ports to reduce the greenhouse-gas intensity of their fuel mix. It also requires ship-specific reporting and verification of fuel and GHG data.

What happens in 2026:

- First official verification period begins
- Reports covering 2025 fuel use must be submitted by If adopted, formal entry into force will follow the IMO's typical 31 January 2026
- Verifiers record the results by 31 March 2026
- Companies must register compliance balances and select. compliance pathways by 30 April 2026
- Ships must carry a valid FuelEU Document of Compliance (DoC) from 30 June 2026 onward

Why it matters:

A missing DoC can result in penalties and even denial of entry to EEA ports.

EU Emissions Trading System (EU ETS) — **Increased Shipping** Phase-In

What it is:

The EU ETS now covers CO₂ emissions from large ships visiting EEA ports, including portions of extra-EEA voyages. Ship operators must surrender EU allowances to match their emissions.

What happens in 2026:

- Companies must cover 70% of their CO₂ emissions reported for 2025 with EU allowances.
- Allowances must be surrendered by 30 September 2026.

2027 and beyond: 100% of reported emissions for the previous calendar year must be covered.

Why it matters:

Higher compliance exposure, tighter administrative timelines, and significant financial impact. Missing allowances leads to fines and the obligation to surrender the shortfall.

IMO Net-Zero Framework & MARPOL Annex VI

Amendments

What it is:

The IMO's draft global "Net-Zero Framework" — including a fuel standard and GHG-pricing/crediting mechanism — is expected to become the world's first global mandatory decarbonization package for shipping.

What happens in 2026:

- MEPC 84 (Spring 2026) will continue work on implementation guidelines, including LCA, GHG intensity rules, and verification methods
- Some adoption and guideline-finalization steps are targeted for 2026
- 16-month acceptance timeline

Why it matters:

This would become the first global, mandatory set of measures tying fuel standards directly to pricing and compliance.

Existing IMO Measures — **EEXI & CII Continue to Drive Change**

What they are:

- **EEXI**: Technical efficiency standard for existing ships
- CII: Annual operational carbon-intensity rating Both have been in force since 2023.

Why 2026 matters:

CII ratings continue yearly, with stricter expectations around corrective actions, retrofits, speed adjustments, and operational practices. This also influences chartering decisions and commercial reputation.

Key Compliance Dates for 2026

- 31 January 2026 Submission of ship-specific FuelEU reports (for 2025)
- By 31 March 2026 Verifier records validated FuelEU data
- By 30 April 2026 Company logs compliance pathway; DoC issued
- •30 June 2026 Ships must carry a valid FuelEU DoC
- **30 September 2026** EU ETS allowance surrender for 70% of 2025 emissions
- Spring 2026 (MEPC 84) Expected updates and guidance for the IMO Net-Zero Framework



What is an

AIPROMPT_

And Why Are We Talking About it in Shipping?

An Al prompt is simply the message you type into an Al tool to tell it what you want. It could be a question, an instruction, or a description of a task. For example:



"Summarise this PSC inspection report in simple English" is a prompt.

As a ship management company, we work with large amounts of information every day, reports, checklists, procedures, emails, training material, and regulations. Al tools can help us save time, reduce manual work, and improve clarity when used correctly. For seafarers and shore staff, that could mean faster drafts, clearer documents, and better preparation for inspections or audits.





Why Learn How to Prompt?

AI is not "magic."

If you ask it something vague, you will usually get a vague answer.

Even a very short prompt will often give you some information – but it may not be in the **format, tone, or level of detail** you actually need for your job. That is why learning to write better prompts matters.

Learning how to write a good prompt helps you:

- Get more accurate and useful responses
- Avoid missing important details
- Turn long or complex information into clear, usable outputs
- Support your work without replacing professional judgement

In other words:

Better prompt = Better help

And like any other skill onboard, **it improves with practice.** The more you try, adjust, and refine your prompts, the better your results will be.

How to Make AI Work for You

Think of AI as a junior assistant who works fast but needs clear instructions.

A good prompt usually does five things:

01. Sets the situation

Explain who you are and what you're doing. **Example:** "You are helping a Chief Officer prepare for a PSC inspection..."

02. Gives key details up front

Share vessel type, trade, audience (Master, office, charterer, cadets, etc.)

03. Shows what "good" looks like

If possible, give a small example of the tone or style you want

04. Defines the output

Mention the length (short email, 5 bullet points, 2-minute brief). Specify the format (checklist, table, paragraph, steps)

05. Uses clear, simple language

Proper grammar, short sentences, and direct requests make a big difference

You don't need perfect English. You just need to be specific and clear.

And remember: the first answer is not the final answer. It is often a starting point. You can – and should –

- Ask follow-up questions
- Request changes to tone or format
- Say, "Shorten this," "Make it more practical," or "Turn this into a checklist."

Cross-questioning and asking for edits after the first reply is one of the best ways to get closer to what you actually need.

Practical Prompting Tips

- Set the scene clearly tell the Al who you are and what the task is about
- Put important details at the beginning vessel type, role, audience, purpose
- Share examples where you can paste a short sample of the style you like
- Ask for a specific length "about 150 words," "5 bullets," "one short paragraph."
- Request a format "Make it a checklist," "Use a table," "Give clear steps."
- Use helpful phrases "Act as...", "Rewrite this as...", "Summarise this for..."
- Write clearly and correctly avoid slang, incomplete sentences, or mixed topics
- Keep it focused one task per prompt works better than many mixed requests
- Quickly review the answer check facts, numbers, and vessel-specific details before using
- Refine after the first answer ask it to improve, shorten, expand, or change the format





Example Prompts for Seafarers

A Weak Prompt (Too Simple, Not Very Useful)

Prompt:

"Explain MARPOL."

This will likely give you a very general textbook answer, not something you can use today onboard. It might still be correct, but it won't be in the shape you need – not tailored to your vessel, your job, or your current task.

A Strong Prompt (Clear, Specific, More Helpful)

Prompt:

"You are helping a Chief

Officer on a bulk carrier preparing a toolbox talk for deck crew. In simple English, explain the key points of MARPOL that are relevant to bunkering and handling oily waste.

- Keep it to 5 bullet points
- · Focus on what crew must do and not do
- Avoid legal jargon and long sentences."

This prompt:

- Gives role (Chief Officer)
- Gives vessel type (bulk carrier)
- Gives context (toolbox talk, deck crew)
- Sets scope (bunkering and oily waste)
- Defines format and length (5 bullets, simple English)

You will almost always get a more practical, usable answer from the second prompt. And if the first answer is not exactly what you want, you can say:

"Make it shorter."

"Add one more point about record books," or

"Rewrite this for cadets instead of deck crew."

This back-and-forth is normal - and useful.

Disclaimer!

Please be mindful of what you share with AI tools. Avoid entering confidential vessel data, crew information, client details, or anything sensitive to ship operations. AI can also make mistakes or provide outdated information, so always double-check facts, verify technical details, and use your professional judgement before relying on any output.



We'd Like to Learn From You

We know many of you are already trying Al tools in your own way – for emails, reports, training notes, or checklists.

We'd love to see the prompts that worked best for you.

Share the Al prompts that gave you the most useful output in your day-to-day work (onboard or ashore).

Please email them to: social@nautilusshipping.com.

We may feature some of these (anonymised if needed) in future issues to help other seafarers and colleagues get more value from AI.

Together, we can learn how to use these tools safely, wisely, and effectively — one good prompt, and one good follow-up question, at a time.





EXPERT SPEAKS

The Year in Crewing

PROGRESS, PEOPLE & WHAT COMES NEXT







Capt. Ravindra Kumar General Manager - Crewing & Operations

Looking back, what are some of the key milestones or achievements for the crewing department in 2025?

2025 has been a year of steady progress for our crewing team. We've grown not just in numbers, but in the quality and readiness of our seafarers. One of the highlights for me has been how smoothly our team managed crew planning and vessel deployment this year, even during tight schedules. Everyone really stepped up, showing great coordination and ownership. We've also introduced digital tools that made documentation and communication much faster, which our crew and clients have truly appreciated. Overall, it's been a year of learning, adapting, and working together more closely than ever.

What steps are being taken to strengthen crew retention and skill development in the coming year?

Retention starts with trust, and that's something we're constantly working to build. We make sure our seafarers feel heard, supported, and confident about their growth within Nautilus. Timely reliefs, transparent communication, and genuine appreciation go a long way. Looking ahead, we're putting more focus on training and upskilling, both technical and soft skills. We want our people to be ready not just for their next rank, but also for leadership roles at sea and ashore. The goal is to make every seafarer feel like Nautilus is a long-term home, not just a stop in their career.

What moments from 2025 stand out to you as the most memorable with our crew?

There are quite a few, honestly. But what always stands out are those moments when the entire team, both ashore and onboard, comes together to solve a challenge. Whether it was a last-minute crew change, helping someone with a personal emergency, or watching a young officer take command for the first time, those are the moments that remind me why we do what we do. The pride our crew takes in their work is something I truly admire.

What were the biggest challenges faced in crew management this year, and how did the team overcome them?

Crew management always comes with its share of challenges, from travel restrictions and last-minute crew changes to

managing documentation under tight timelines. This year was no different, and we faced our share of unpredictable situations. What truly made the difference, though, was teamwork. Our operations and crewing teams worked closely together, staying proactive, flexible, and solution-focused. We also introduced better digital tracking systems that helped us stay on top of compliance and anticipate potential delays. Every obstacle turned into a learning experience, and that collective effort has made us stronger and more efficient as a department.

How do you keep the team motivated through the challenges of crew changes and long schedules?

Keeping the team motivated really comes down to staying connected and sharing purpose. Crew changes can be unpredictable, and schedules can get long, but when everyone understands why their role matters, the energy stays high. I make it a point to check in with the team regularly, celebrate milestones, and remind them that every successful joining or sign-off is a win for all of us. Recognizing effort, no matter how small, builds trust and keeps the momentum going. We're not just managing crew; we're supporting people who keep ships moving safely every day.

What would be your message to our sailing and shore-based teams for the new year?

As we close another year, I just want to remind everyone, our people are our greatest anchor. Whether you're on board a vessel or working behind the scenes ashore, your dedication keeps everything steady. It's your effort, your discipline, and your teamwork that keep things running smoothly every single day. I know it's not always easy, but you make it look effortless. In the year ahead, I hope we all continue to support each other, stay safe, and take pride in the work we do. Together, we'll keep sailing forward, no matter what comes our way.







NEWS & INSIGHTS

Anduril - Ghost Shark Undersea Drone Manufacturing Facility (Australia)

U.S. defence firm Anduril has opened a new manufacturing centre in Sydney to produce its 'Ghost Shark' undersea drones as part of a AUD 1.7 billion contract with the Australian Navy. The 7,400 m² facility, set for full-scale operations in 2026, is expected to generate over 150 jobs, with dozens of drones scheduled for testing and delivery ahead of contract timelines.

China's First Full-Chain Green Methanol Facility

Three Chinese-owned companies have begun constructing the nation's first full-chain green methanol plant in Lishu, aiming to produce 197,200 tonnes annually using renewable hydrogen and biomass-derived carbon dioxide. The facility, expected to create over 500 jobs, will support China's maritime decarbonization plans and supply green methanol to global markets by 2030.

Odisha Announces ₹46,000 Crore Investment for New Port & Shipbuilding Project

Odisha's Chief Minister has announced a ₹46,000 crore investment plan to develop a new deep-sea port and an integrated shipbuilding and repair complex in the state. The project is expected to boost maritime infrastructure, generate large-scale employment, and position Odisha as a major hub for ship construction and coastal logistics.

DPA Kandla Receives India's First Premium Products Vessel

Deendayal Port Authority, Kandla, has marked a milestone with the arrival of India's first premium products vessel, enhancing the port's capability to handle high-value liquid cargo. The development is expected to strengthen the region's petroleum logistics network and support future premium-grade product movements.

BLOGS

Innovations for Effective Crew Management: How We Ensure Safety and Welfare at Sea

Nautilus Shipping's latest blog explores how modern tools, data-driven systems, and structured processes are strengthening safety and welfare across its crewing operations. It highlights practical innovations, from smarter scheduling to improved training and welfare support, that help seafarers perform confidently and operate vessels safely.

Decarbonizing Existing Fleets: Retrofitting for Sustainability and Energy Efficiency

In this blog, Nautilus Shipping examines how retrofitting existing vessels can significantly improve energy efficiency while meeting rising global decarbonization standards. The article breaks down practical upgrades such as propulsion enhancements, hull improvements, and cleaner energy systems that help fleets cut emissions without waiting for newbuilds.

SCAN HERE FOR THE BLOGS PAGE







Rajat Khattri 2/E (Marine Engineer)

"The Sound That Keeps Me Going"

Every day on board has its own rhythm. For most people, it's the sound of the sea. For me, it's the low, steady hum of the main engine, a sound that reminds me that everything is working as it should.

It's funny how something so mechanical can feel almost alive. Each morning, before the heat of the day builds up in the engine room, I do my first round — checking temperatures, pressures, fuel levels, and making sure every vibration feels "normal." Over time, I've learned that the machinery talks to you if you know how to listen. A small change in pitch, a slight difference in the exhaust tone, those are like whispers from the heart of the ship. Of course, it's not always perfect. There are tough days; long hours, unexpected alarms, oily hands, and a constant layer of salt on everything. But what keeps me going is the routine, the discipline, and the quiet satisfaction of knowing that our ship sails smoothly because of what happens below deck.

One of my favourite moments is when we finish maintenance, start up the machinery again, and everything runs flawlessly. That low hum returns, strong and steady, a sound that tells me,

"You did it right."

That's my kind of music.

Life at sea teaches you patience, teamwork, and respect for the ocean, the machinery, and your crewmates. And every day that ends with the engine running smoothly and the horizon calm, I feel proud to be part of the unseen heartbeat of the ship.





Celebrations, Wellness & Life Onboard

I am sharing a few beautiful moments from our Equator Crossing ceremony, along with yoga sessions, ice-water baths, and deep-relaxation activities conducted over the last 15 days of sailing. The crew enjoyed every event with strong interest, creating healthy energy and positive vibes across the vessel. Yoga sessions brought steady focus, calm breathing, and a balanced mindset during long sea stretches. The ice-water bath added fresh thrill, sharp alertness, and cheerful excitement among the crew.

Deep-relaxation activities helped everyone unwind, release tension, and regain mental clarity after daily routines. The Equator Crossing ceremony added fun tradition, lively bonding, and memorable experiences across ranks. All activities saw full participation, lifting morale and giving the crew meaningful moments to carry forward.



Capt. Krishna Kumar Master LPG/C Sanmar Regina















TECHNICAL INCIDENT -





Provision Crane Incident - Seafarer Report

A small incident took place recently involving the provision crane. Two days earlier, the crane wire operating handle block had been attended to due to a leak, and the O-ring was replaced. After completing the job, the crane was not tested or tried out. Two days later, when the vessel was alongside the jetty, the provision and stores boat came, and the same crane had to be used. The AB and OS prepared the crane as routine. While lowering the hook, the electric hoisting limit got activated — this limit is positioned at the far end of the crane boom, and it does not release automatically during lowering.

The hook reached the store boat, and they secured the belt, but the wire would not hoist up. The AB informed the engine team, who suspected an air lock in the wire handling block since it had been opened earlier but never tested. They tried releasing air and even checked and renewed the hydraulic limit block. About two hours passed without success.

Finally, it was discovered that the electric limit switch had remained activated when the hook was lowered earlier. The hoisting limit had not reset due to rust, moisture, and general wear, and the AB had not noticed it because the limit is located far out and not easily visible during operation.

To get the crane into a safe position, the team tied a rope at the hook, manually lifted it enough to swing the boom back to the parking area, and then reset the limit switch. After resetting, the crane was tested and worked normally, allowing provisions and stores to be taken aboard.

Reasons for Improvement

Lack of proper maintenance planning

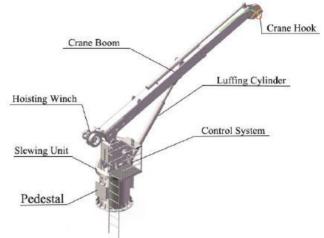
Safety and limit switches require regular inspection and cleaning

Missed opportunity to test after repairs

• The crane should have been tried out immediately after the O-ring replacement

Inadequate checks during operation

- ABs and others operating the crane must observe both lowering and hoisting limits and verify that all limits reset properly
 - Raja Salendran, _{Oiler}



The Tangled Anchors at Jaigarh

It was the peak of the monsoon, June 2024, when our vessel lay anchored between Buoy No.13 and the breakwater at Jaigarh Port. Heavy swells rolled across the harbour, and visibility was good. We had dropped the port anchor earlier, waiting for instructions. By noon, the Port Authority called us to proceed for loading.

As we began to heave up anchor, under the watch of Captain Clifford Carvalho, 2nd Officer Junaid Ahmed Sheikh was on the forecastle deck, guiding the operation. The windlass groaned as the chain came up unusually tight. When the anchor was sighted, our hearts sank: another ship's anchor chain was fouled and tightly interlocked with ours!

Despite several attempts to lower and heave up, the anchors refused to part. Captain Carvalho decided to summon a tug and prepare for gas cutting, but before help arrived, the situation worsened: the chains twisted even more!

Yet, we refused to yield. With calculated manoeuvres, using the ship's engine, helm, and anchor brake control, we finally freed our anchor, without any tug assistance. Cheers erupted on deck. It was a perfect display of seamanship, teamwork, and the unwavering resolve of our crew amidst the roaring monsoon seas.

Saif Alam

Ordinary Seaman

JSW LOHGAD



Stories from

ASHORE

When I was first asked to write an article, my immediate thought was: What could I possibly share that would genuinely resonate with people in the maritime industry?

Being very new to shipping, I knew I could not write anything technical. But I wanted to offer the perspective of someone learning, observing and developing a deep respect for the people in this world, while slowly understanding the depth of this industry. Until I joined the industry, I never realised how essential it truly is. With 90 per cent of global trade moved by sea, shipping forms the invisible backbone of everyday life. Most people, including myself until recently, have little idea how products reach their shelves. It is an industry giant that somehow stays hidden, and it deserves far more recognition.

Seeing the people behind it, both at sea and ashore, has opened my eyes to the immense effort required to keep vessels operating. I have deep admiration for seafarers. The sacrifices they make are ones many people would never consider, and the resilience they show in such challenging conditions is truly remarkable. This industry has also changed how I view globalization. Some nations depend entirely on shipping, and without it, their economies would stall. Countries no longer feel like isolated entities, but parts of an interconnected global network.

I have always been an advocate for diversity, and hearing how multinational crews work together reinforces my belief that diversity is a strength. It promotes understanding, respect and continuous learning among people of different backgrounds. On the shore side, I have also come to appreciate the pressure on crewing teams. Finding the right seafarer with the right experience at the right time is incredibly demanding. Stable rotations matter, not just for operational efficiency but for seafarers' well-being and for the families who eagerly wait for them to come home.



Kevin Joseph
Manager - Client Engagement
& Business Development

The compliance aspect has also been eye-opening. Although it may seem tedious, every requirement exists for a reason, often born from past incidents. These rules shape the culture on board and ensure the safety of those at sea. Even the smallest systems, such as checklists, play a vital role in preventing larger issues.

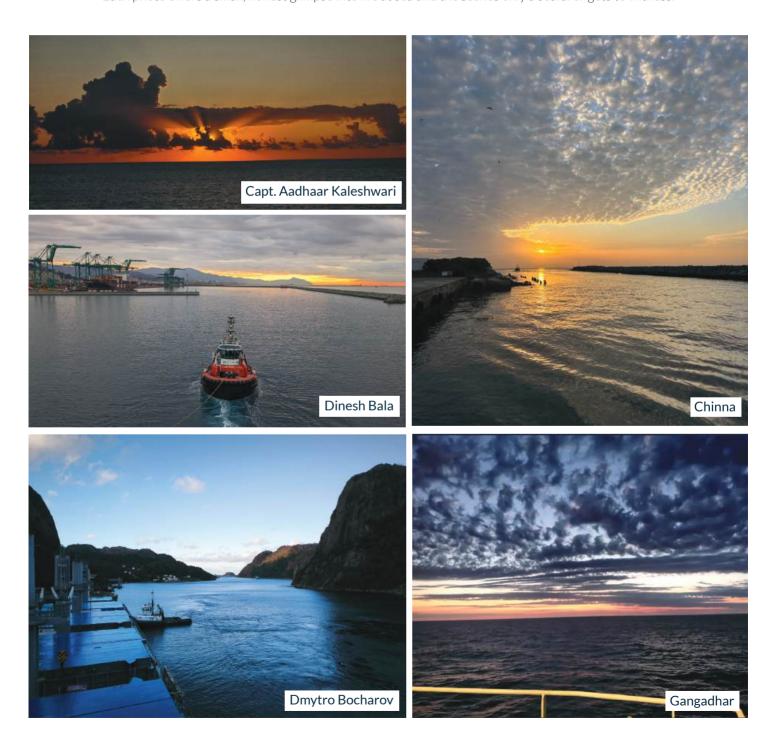
In just a short time, I have already developed a strong attachment to this industry. Shipping may not always be the loudest or most glamorous sector, but there is so much to appreciate about being part of it. It has changed the way I think about people, movement, risk and resilience. I now find myself genuinely curious about what is happening in the industry, how it is evolving and what the next decade will bring. This experience has broadened my perspective far more than I ever expected.



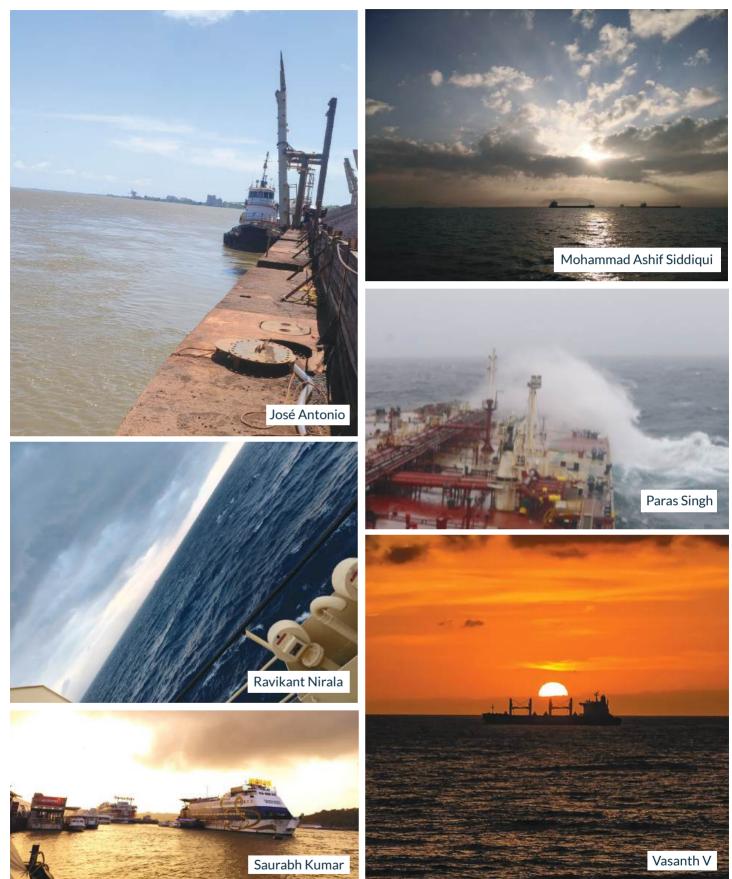
Photos from

THESEA

This month's entries brought in everything from striking sea colours to everyday working moments onboard. Each photo offers a small, honest glimpse into life at sea and the scenes only a seafarer gets to witness.







Thank you to everyone who shared their photographs with us. If you'd like to be featured in an upcoming issue, send your picture and a short caption to **Social@nautilusshipping.com**.

We'd love to see what you capture next.





BRAIN TEASERS

The Sailor's Emergency Call

I'm a cry for help, loud and clear, Sailors use me when danger is near. Three short, three long, three short

What am I?

The Guiding Torch

On rugged coasts, I stand so tall, In darkest nights, I guide them all. Without my light, their ships might fall.

What am I?

The Keeper Of The Horizon

I separate sky from water so blue, Sailors chase me, yet I'm never true. I'm always ahead, no matter the view.

What am I?

The Shifting Sands

I lie beneath waters, hidden from sight, But when storms churn, I can give sailors fright. I'm the shifting danger, their silent plight.

What am I?

The Salty Giant

I stretch far and wide with no end in sight, I cradle the ships both by day and by night. My waves can calm or give sailors a fright.

What am I?

The Weather's Wrath

I come without warning, a sailor's despair, My winds howl loudly, I tear through the air. In my fury, I leave destruction everywhere.

What am I?

The Silent Sentinel

I rise from the deep, unseen till it's late, My rocky embrace decides many fates. Ships beware, for I silently wait.

What am I?

The Keeper Of Secrets

I hold treasures and tales, from old times to new, But I swallow them whole, and give back but a few. I'm the mystery that sailors pursue.

What am I?

Answers : 1.SOS 2.The ocean 3.A lighthouse 4.A storm 5.The horizon 6.A reef 7.Sandbanks 8.The deep sea

