



NEREUS

YOUR PERFORMANCE IS OUR BUSINESS

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SUBSEA

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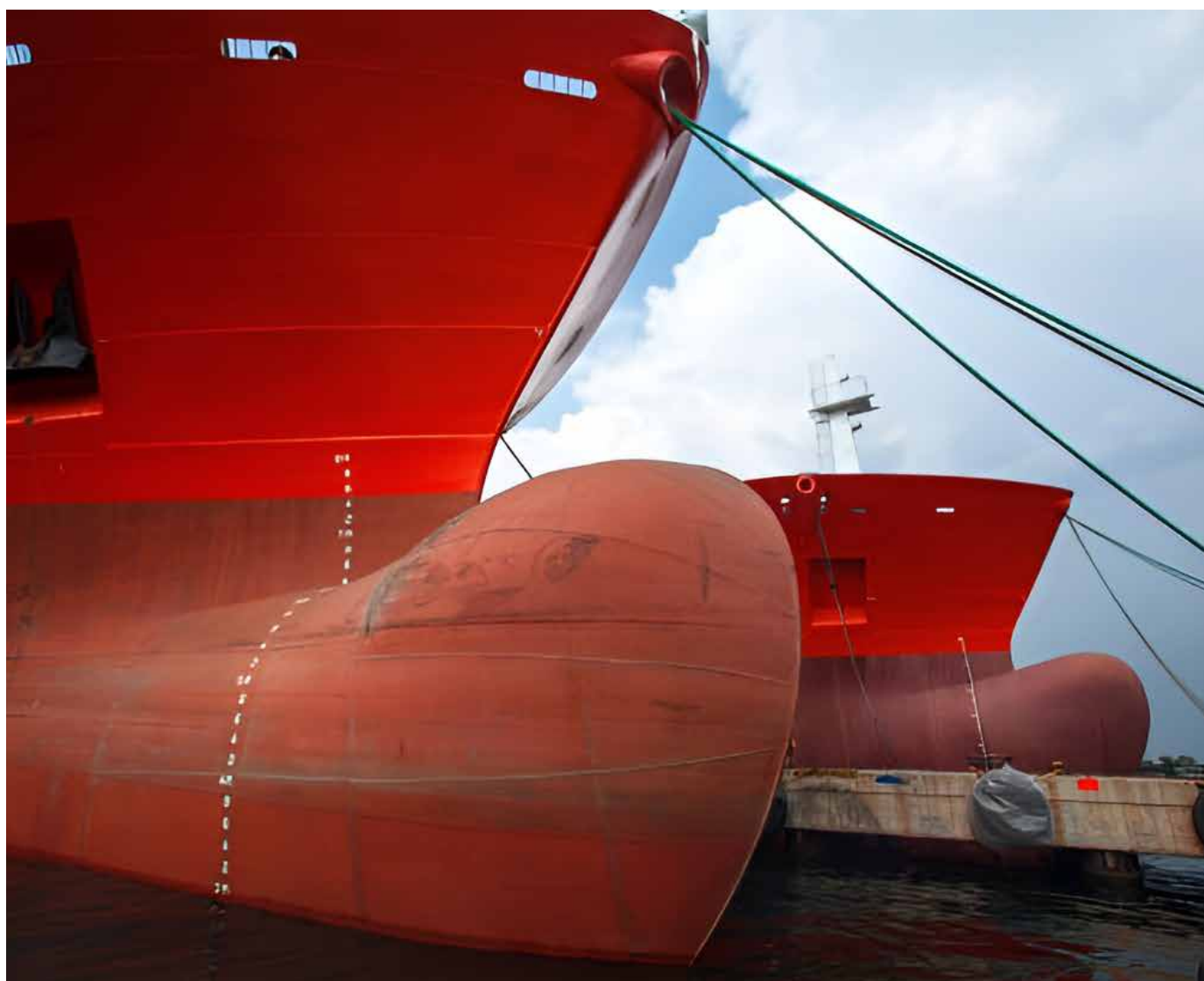


UNDERWATER SHIP REPAIR
MAINTENANCE | SURVEYS

www.nereussubsea.com

Welcome To Nereus Subsea Monthly

Welcome to the February 2025 edition of Nereus Subsea Monthly, where we bring you the latest insights, updates, and our commitment to redefining underwater services is reflected in every operation we undertake. From honoring employees who exemplify dedication to embracing cutting-edge robotics and coatings, we are proud to stand at the forefront of innovation in the maritime industry.



Nereus Subsea's Environmental Achievement

Environmental consciousness is not just an initiative, but it is a core part of our identity at Nereus Subsea. The oceans are both our workplace and our legacy, and we believe it is our shared responsibility to protect them for future generations.

Maritime industry is facing growing pressure to balance operational efficiency with environmental stewardship while striving to adopt greener practices and comply with increasingly stringent environmental regulations. As a partner in this effort, we take pride in quietly making a difference.

Through consistent and meticulous hull cleaning operations, we have had the opportunity to contribute meaningfully to global sustainability efforts. By improving vessel performance, we have helped reduce fuel oil consumption by an estimated 15% to 20% across the 3,000 hulls we have serviced so far. This reduction translates into lower operational costs for our clients and significantly minimizes carbon emissions.

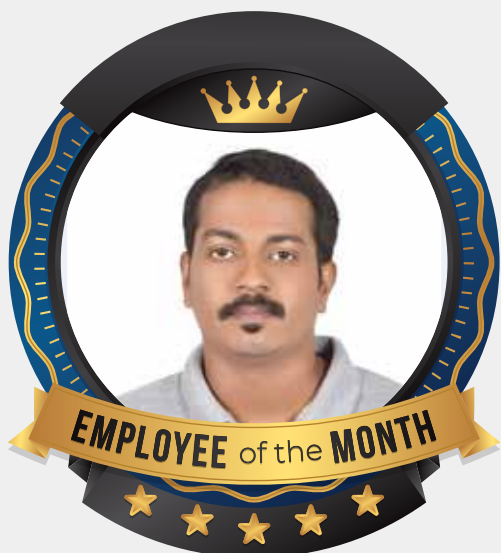
While these numbers are an important benchmark, we understand that sustainability is a journey, not a destination. It's about making small, consistent choices every day—adopting practices that respect the delicate ecosystems we work within and ensuring the health of our oceans remains uncompromised. It is a quiet but powerful step toward a cleaner, greener maritime industry.

We are grateful for the trust of our clients and the dedication of our team, both of which make these contributions possible. Together, we can create a ripple effect of positive change. We remain committed to refining our processes, leveraging innovation, and exploring even more sustainable solutions.



Employee Of The Month

We are proud to recognize Mr. Nikhil P Prasad, Diving Supervisor at Nereus Subsea, as our Employee of the Month. With his exceptional leadership, technical expertise, and unwavering commitment to safety, Nikhil has played a crucial role in ensuring the success of our underwater operations. His ability to navigate complex challenges with precision and efficiency makes him a valuable asset to our team. His dedication and professionalism continue to set a high standard for excellence in the industry. Congratulations, Nikhil, and thank you for your outstanding contributions!



Featuring:
Mr Nikhil P Prasad
Diving Supervisor

My Experience With Nereus

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The underwater service for MV AQUA PEARL was arranged on short notice, and Nereus SUBSEA really came through. Both the operations and technical teams were quick to respond and always available to answer our questions. They handled everything smoothly, making the process easy and stress-free. SeaSafe Marine truly appreciates the team's hard work and dedication. Thank you for the great support!

Thank you again for the excellent service.

Binshad Basheer
Service Manager
SEA SAFE MARINE

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Special Feature I

Decarbonization in the Maritime Industry: Challenges and Innovations

The maritime industry is at the forefront of global decarbonization efforts to align with international climate goals. The IMO's stricter regulations, such as the CII and EEXI, present challenges in compliance, rising costs, and technological adoption therefore shipowners face significant challenges in achieving compliance while maintaining operational efficiency.



Key Challenges:

- Older ships need retrofitting or replacements to meet emission standards.
- Green fuels like hydrogen and biofuels are expensive and require infrastructure upgrades.
- Advanced technologies face barriers in affordability and accessibility.

Innovative Solutions:

- Adoption of alternative fuels like LNG and hydrogen.
- Use of energy-efficient technologies like hybrid propulsion and advanced hull coatings.
- Industry collaboration on green shipping initiatives.



Special Feature II

Digital Transformation in Underwater Operations: The Rise of AI and IoT

The maritime industry is undergoing a digital revolution as advanced technologies like Artificial Intelligence (AI) and the Internet of Things (IoT) redefine underwater operations. These innovations are not just enhancing efficiency—they are transforming how the industry approaches maintenance, repair, and sustainability.

AI in Underwater Operations:

- AI-powered analytics can predict equipment failures, reduce downtime and prevent costly repairs.
- AI-powered underwater drones enable precise damage detection.
- AI helps streamline workflows, improving operational efficiency.

Innovative Solutions:

- Real-time monitoring of hull conditions and fuel efficiency.
- Improved communication between divers and surface teams.
- Ecosystem tracking to minimize environmental impact.



Safety Tips

Best Practices for Safer Operations Below the Surface

1. Pre-Operation Inspection:

Identify potential hazards through a thorough inspection of the hull and surrounding environment.

2. PPE Essentials:

Ensure divers are equipped with gloves, protective suits, and other necessary gear.

3. Environmental Monitoring:

Regularly assess conditions like visibility, currents, and water temperature to adapt operations accordingly.

4. Emergency Preparedness:

Equip teams with first aid kits and establish clear protocols for emergencies.

Safety is our top priority, and these tips are a testament to our ongoing commitment to safeguarding our team and operations.

Latest Safety Updates

February Safety Spotlight: Navigating Challenges with Precision

This month, our safety spotlight focuses on enhancing emergency air supply systems for divers. Regular inspections, efficient backup systems, and clear communication are essential in mitigating risks during underwater operations. These updates reflect our proactive approach to safety, ensuring that every dive is conducted with the highest standards of precaution.

Summary

As we start February, we celebrate the milestones achieved and look forward to the opportunities ahead. From pioneering advanced technologies to maintaining the highest safety and sustainability standards, we are poised to lead the way in the maritime industry.

Thank you for your continued support and trust. Together, let's chart a course for an even brighter future.

Our Certifications



An ISO 9001:2015 certified company.
Approved for IWS/UWILD by :



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