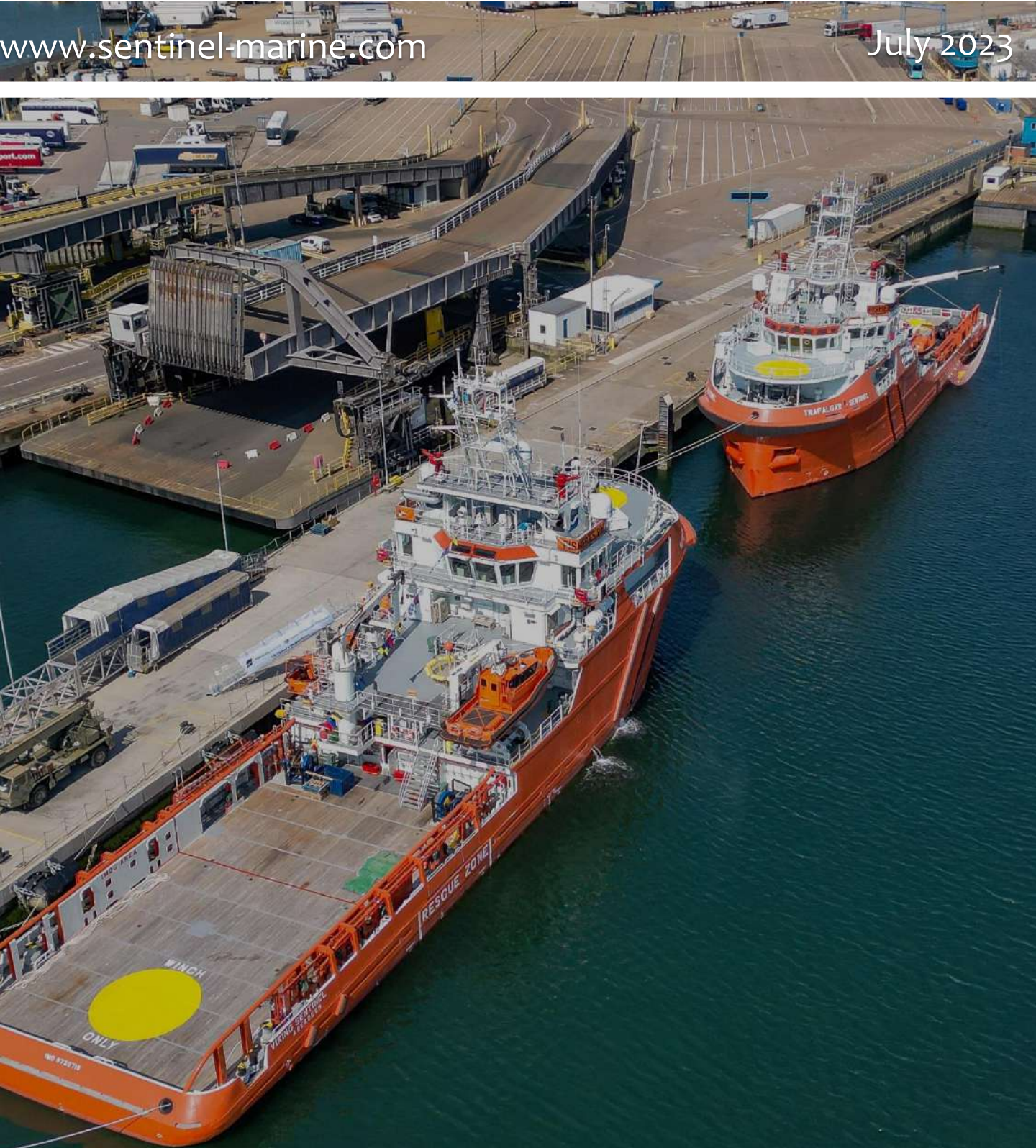


SUSTAINABILITY REPORT

TO WATCH, TO GUARD, TO PROTECT

www.sentinel-marine.com

July 2023



SENTINEL MARINE

About the Report

This report outlines our comprehensive approach on how we, at Sentinel Marine, are navigating the challenges ahead in ensuring a proactive approach to supporting our planet's environmental needs.

Our environmental, social, and governance performance (ESG) is outlined, as are our plans for the future and how we, as a company, can take the initiative to combat climate change.

This data covers both our office and 13 vessels currently operating worldwide. All statistics cover the whole year of 2022 unless otherwise stated .



SENTINEL MARINE

03 Letter from the CEO

A letter from the Sentinel Marine CEO Rory Deans outlining the company's commitment to a sustainable future.

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The key objectives of the Environmental Management Plan (EMP), including minimising environmental impact, ensuring regulatory compliance, conserving resources, protecting biodiversity, promoting continuous improvement and engaging stakeholders.

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Letter from the CEO

At Sentinel Marine, we recognise that our actions have a profound impact on the environment in which we operate. As a responsible and forward-thinking vessel company, we recognise the importance of the need to safeguard our oceans and protect marine life. This sustainability report (SR) stands as a testament to our proactive and unwavering dedication to prioritise environmental sustainability in every facet of our operations.

Our vision extends beyond profit-making; it encompasses the deepest respect and appreciation for the delicate ecosystems we navigate through. Through this SR, we aim to inspire a profound sense of responsibility within our organisation, encouraging a culture of environmental stewardship, and leading positive change within the maritime industry.

We at Sentinel Marine are driven by a profound commitment to work effectively to create a sustainable legacy which ensures that we support the preservation and protection of our environment for future generations. We acknowledge the immense significance of reducing emissions and combating climate change. Through stringent emission controls, adopting advanced technologies, and embracing alternative fuels, we strive to minimise our carbon footprint. We aim not only to meet regulatory requirements but to exceed them, pioneering innovative approaches that set new industry standards.

Waste, too often, is an unwelcome visitor in our seas, posing a great threat to marine life. We undertake to manage waste responsibly and efficiently, ensuring that it is properly handled, segregated, and disposed of in accordance with international regulations. By fostering a culture of waste reduction, recycling, and responsible waste management practices, we will protect the fragile balance of our ecosystems and contribute to a cleaner, healthier planet.

This SR is a call to action for every member of our company to embrace sustainable principles and practices, both on board our vessels and in our everyday lives. Sentinel Marine believes that by working together with our employees, partners, and stakeholders, we can create a future where environmental consciousness is ingrained in every decision we make.

Together, we will shape a path towards a sustainable maritime industry, leaving behind a legacy of care, compassion, and environmental resilience. Let us navigate the seas with a renewed sense of purpose, knowing that our commitment to the environment is a beacon of hope for future generations



Rory Deans

Chief Executive Officer

About Sentinel Marine

Sentinel Marine is a provider of multi-role support vessels, dedicated to delivering quality services whilst upholding the highest standards of safety and reliability. With a strong focus on environmental sustainability, we actively incorporate advanced technology into our fleet to minimise emissions and optimise fuel consumption.

Alongside our core services, we offer valuable support to the growing field of fishery inspection. Our specialised vessels are equipped with the necessary facilities and capabilities to efficiently assist in fishery inspections. By collaborating closely with regulatory bodies and fisheries authorities, we play a significant role in preserving marine ecosystems and promoting sustainable fisheries management. Our team of experienced crew members ensures that all operations strictly adhere to regulations; safeguarding the integrity of the marine environment and encouraging responsible fishing practices.

Our culture is one where safety issues and awareness of potential hazards in the shipboard environment are paramount. We believe in fulfilling tasks right, each and every time. Our staff, whether at sea or ashore, will adopt this mindset. By fostering the attitude that safety comes first, we will ensure that our performance, whether for ourselves or our clients, is done in the safest manner possible.



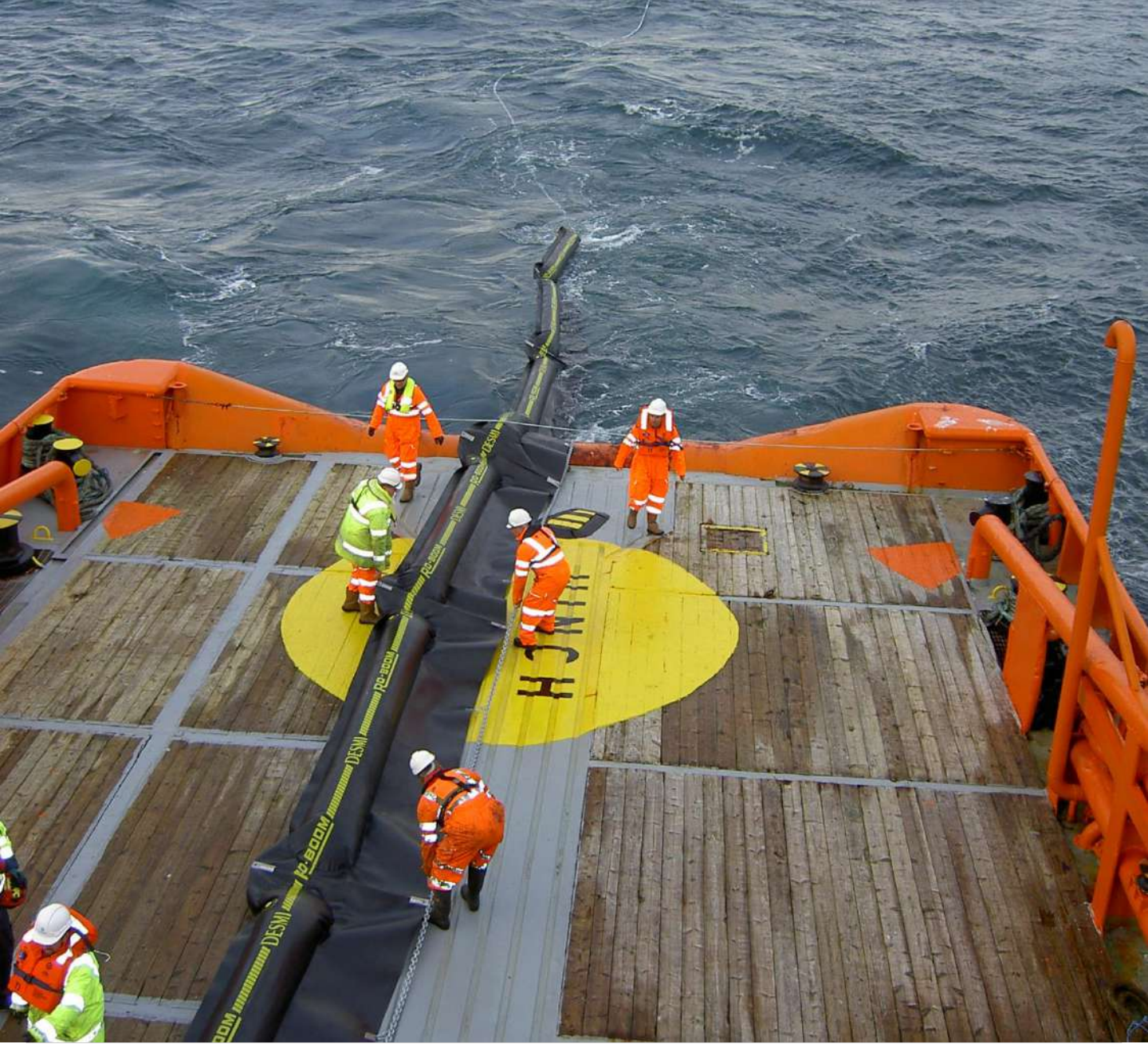
Ocean Guardian

The Fishery Inspection vessel Ocean Guardian in Vigo, Spain for the vessel's Christening.



Ocean Protector

Ocean Protector supporting diving operations off the coast of Libya.



Environmental

Sentinel Marine considers the environmental impacts of all its operations and is committed to our target of net zero by 2050

IMO Greenhouse Gas Reduction Strategy

In 2016, the International Maritime Organisation (IMO) implemented mandatory regulations dictating that ships with a gross tonnage of 5,000 or higher must record fuel oil consumption data for each fuel type utilised, alongside other specified data that includes proxies for transport work.

It is important to note that these ships are responsible for approximately 85% of the carbon dioxide (CO₂) emissions produced by international shipping. The collected data will serve as a solid foundation upon which future decisions regarding additional measures, surpassing those already adopted by the IMO, can be effectively formulated.

The requirements outlined in the Energy Efficiency Design Index (EEDI) do not apply to Sentinel Marine vessels due to the nature of their size and operations.

All our vessels diligently adhere to a Shipboard Energy Efficiency Plan and meticulously monitor the Energy Efficiency Operational Indicator (EEOI). Our unwavering commitment is demonstrated by our active contribution to this overarching strategy and striving to minimise our emissions to the greatest extent possible.



The IMO's Marine Environment Protection Committee has approved a draft of new mandatory measures for a 40% reduction of carbon intensity compared to 2008 across the global shipping fleet by 2030.



The agreement builds on current energy efficiency requirements and provides a global regulatory framework for various technical and operational carbon reduction measures.



The draft amendments will be forwarded for adoption at the MEPC's 76th session in 2021

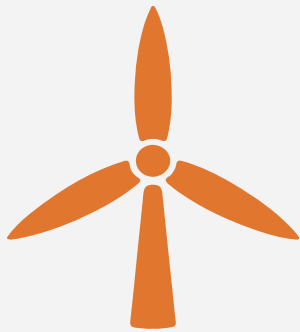
Managing Sustainable Operations

All Sentinel Marine Vessels are provided with the following certification issued by their Classification Society:



International Oil Pollution Prevention Certificate

The IOPP certificate is issued to each vessel after an appointed surveyor has inspected it and found it to be in compliance with the MARPOL convention. The IOPP certificate gives details of all oily water separation and filtering equipment and also the associated monitoring equipment required under the convention.



Inventory of Hazardous Materials

All Sentinel Marine vessels were built with Green Passport but have since transitioned to the newest standards e.g Inventory of Hazardous Materials (IHM). All vessels in the fleet achieved this accreditation in 2020. The standard ensures sustainability and recycling of the vessel at the end of life.



International Air Pollution Prevention

All vessels are provided with an IAPP cert that details any ozone depleting substances, nitrogen oxides and other environmental factors.

Sentinel Marine Greenhouse Gas Reduction Strategy

Our Carbon Reduction Plan outlines a comprehensive strategy to minimise our environmental footprint while maintaining the highest standards of service excellence. We are dedicated to implementing innovative solutions and embracing cutting-edge technologies that foster sustainability across our operations.

To achieve our carbon reduction goals, we will further:

Embrace Green Technologies: We will actively invest in and adopt state-of-the-art green technologies that reduce fuel consumption and emissions. From optimising vessel design to utilising hybrid or alternative fuel systems, we strive to the continuous enhancement of the energy efficiency of our fleet.

Optimise Operations: We will implement rigorous operational measures to maximise efficiency and reduce unnecessary energy consumption. This includes optimising voyage planning, utilising advanced weather routing systems, and promoting best practices amongst our crew members.

Invest in Renewable Energy: We have developed our fleet so that the multi-purpose services we provide are transferable from the oil and gas sector to supporting the renewable sector (.ie offshore wind, offshore solar and offshore tidal)

Collaborate and Innovate: We will actively collaborate with industry partners, research institutions, and regulatory bodies to exchange knowledge and promote the development of sustainable practices. By fostering innovation and sharing expertise, we aim to accelerate the adoption of carbon reduction measures across the maritime industry.

Monitor and Report: We will establish robust monitoring and reporting systems to track our progress towards carbon reduction targets. Transparent reporting will allow us to identify areas for improvement and ensure accountability to our stakeholders.

By steadfastly adhering to our Carbon Reduction Plan, Sentinel Marine aims to be a catalyst for positive change in the shipping industry. We invite all stakeholders to join us on this vital mission as we navigate towards a sustainable and low-carbon future.



Environmental Statistics

In an era where environmental responsibility is of paramount importance, companies across all industries are recognising the need to prioritise sustainable practices. Sentinel Marine, stands out for its steadfast commitment to reducing its environmental impact.

The environmental statistics below demonstrate how Sentinel Marine's actions align with its environmental plan.



98%

Fuel Efficiency Index

Average across the Sentinel Marine fleet



2.61 mt

Fuel Consumption

Average daily fuel consumption per vessel (includes on passage)



100%

Waste Diverted from Landfill

Target of 100% met since 2018



173 kg

Carbon Footprint per Traveller

Target of below 250kg met since 2019



0

ISO 14001 Non-Conformities

Target of zero has been met since 2020



0

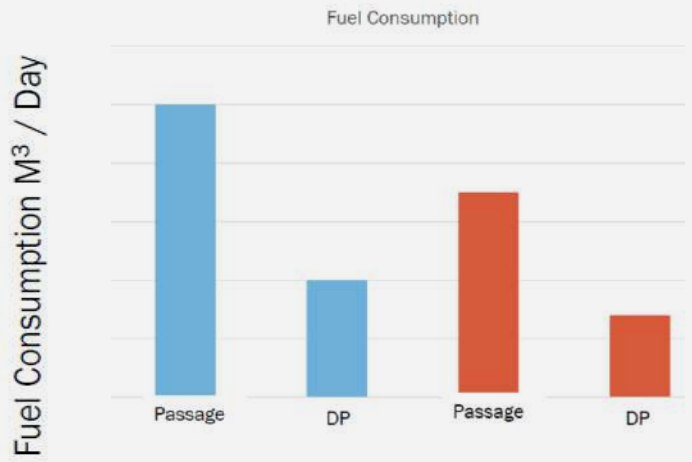
Environmental Incidents

Target of zero spills more than 1 liter met since 2014

A Greener Future

Sentinel Marine looks to spearhead a sustainable future within our industry as we develop our cutting-edge hybrid vessels. This innovative move marks a significant stride towards a cleaner and more environmentally friendly future. By seamlessly integrating traditional fuel systems with advanced electric propulsion, we are slashing emissions, enhancing fuel efficiency, and establishing new benchmarks for eco-conscious operations. Our unwavering commitment to environmental stewardship propels us towards a greener future as we look to embrace the challenges ahead.

Hybrid Drives Fuel Saving



Up to 30% reduction in fuel consumption on Passage and on DP



Fishery Inspection

Making a difference by safeguarding our oceans

At Sentinel Marine, fishery inspection contracts are not just about business; they embody our heartfelt commitment to protect the environment. We take on these contracts to support safeguarding our oceans, preserving marine resources and promoting responsible fishing practices. With unwavering dedication, our expert crew supports the meticulous inspections carried out by our five vessels chartered to fishery inspection duties. These vessels ensure compliance with environmental regulations and preserve the delicate balance of marine ecosystems. By forging partnerships and advocating for sustainable fisheries, we strive to create a future where the wonders of our oceans thrive for generations to come. Together, let's chart a course towards a healthier, more sustainable marine environment.



Narwhal SP-900

The Narwhal SP-900 is a purpose-built Rigid Inflatable Boat (RIB) designed in co-operation with our client, to support safe fishery inspection operations worldwide.



Social

Social aspects are at the heart of the organisation's values because they affect our most valuable asset; our people

Social Governance

Modern Slavery

We are dedicated to fostering transparency within our business operations and supply chains, aligning with our disclosure obligations under the Modern Slavery Act 2015. We hold ourselves and our contractors, suppliers, and business partners to the highest standards consistently. In our contracting processes, we include explicit prohibitions against the use of forced, compulsory, or trafficked labour, as well as any form of slavery or servitude, regardless of age. We expect our suppliers to uphold these same stringent standards within their own supply chains. This commitment extends to all individuals working for us or on our behalf, encompassing employees at every level, directors, managers, officers, agents, contractors, external consultants, third-party representatives and business partners. Additionally, we conduct thorough modern slavery risk assessments on our suppliers to ensure ongoing compliance with Modern Slavery practices.

Equal Opportunities

At Sentinel Marine, we wholeheartedly embrace the spirit of equal opportunities and deeply understand and appreciate the profound value that diversity brings to our company. We take immense pride in our multinational workforce employees, comprising individuals from 21 various nations, cultures, and walks of life. We strongly believe that diversity is not just a box to check off but a vital element that lays the foundation of our success. We are committed to ensuring unbiased hiring processes and policies that are free from discrimination based on religion, gender, age, or any other protected

characteristic. Instead, we foster an environment where compassion, empathy, and mutual respect thrive. By recognising the unique attributes and perspectives each person brings, we create a blend of skills that fuels innovation, collaboration, and growth. Our commitment to equal opportunities is deeply ingrained, as we strive to create a workplace where every individual, irrespective of their background or personal identity, is valued for their unique contributions. We provide an environment where everyone has an equal chance to thrive and succeed.

Whistleblowing

At Sentinel Marine, we understand the significance of whistleblowing within the work environment under UK law. It serves to report wrongdoing, fostering transparency, accountability, and the protection of ethical standards. Whistleblowing provides safeguards for individuals who raise concerns and cultivates a culture of integrity and responsible governance within our company. By encouraging employees to report concerns, we contribute to the detection and prevention of misconduct, ensuring a safe and ethical workplace for all. As part of our commitment, Sentinel Marine has established a comprehensive whistleblowing policy, which is effectively communicated to all employees, outlining a clear and accessible reporting process to our Company DPA (Designated Person Ashore).

Social Statistics

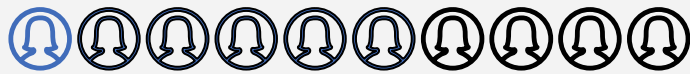
Gender Analysis

Sentinel Marine is taking pro-active action to encourage more women into the maritime workspace however, there remains a disparate gap between the genders. The company is committed to creating a welcoming and inclusive workplace for all onboard our vessels.



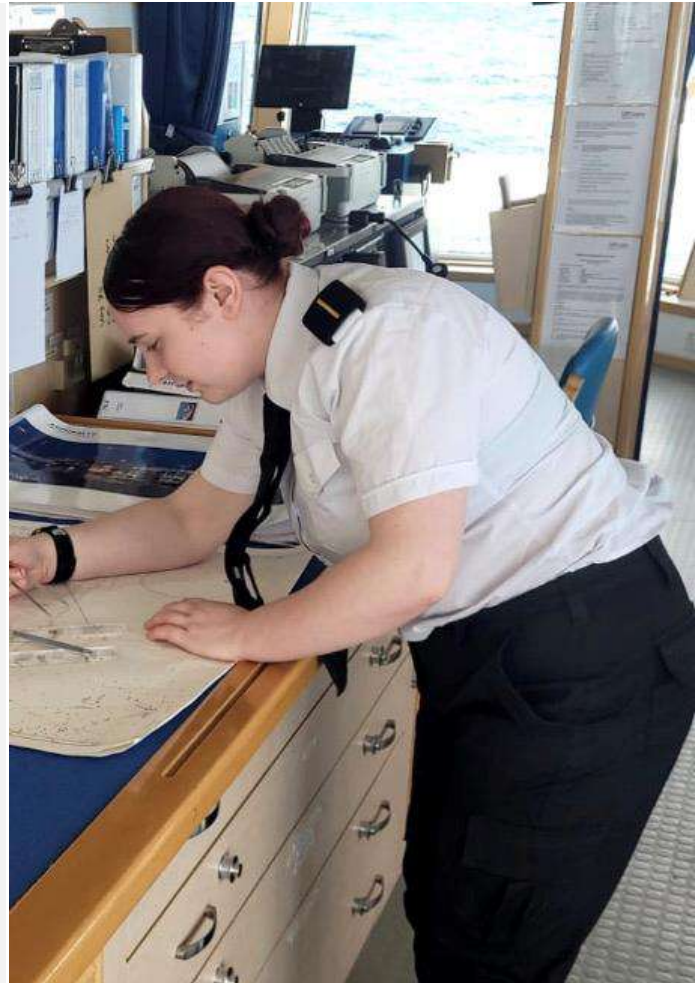
95%

Employees who identify as male.



5%

Employees who identify as female.



21

Nationalities

Employed by Sentinel Marine



97%

Crew Retention Rate

In 2022



0

Modern Slavery

Instances recorded in 2022



100%

Modern Slavery Training Rate

Delivered to Staff



Governance

In an ever-evolving maritime industry, effective governance lies at the core of Sentinel Marine's commitment

Governance

We prioritise governance, recognising its vital role in shaping our organisational culture, decision-making processes, and overall success. Operating in accordance with international regulations and standards, including the ISM Code, ISO certifications, MLC, ISPS, QJS, SEQUAL, and FPAL, we go beyond mere compliance.

Our governance practices transcend regulatory requirements as we strive for excellence. We embrace best practices and continually enhance our governance structures, policies, and procedures. Through rigorous OVID assessments and the adoption of OVMSA, we benchmark against industry standards, meeting stakeholders' expectations.

Environmental sustainability is a cornerstone of our governance framework. We establish clear policies, processes, and structures that guide our decisions and ensure accountability for environmental responsibilities. By integrating environmental considerations into our strategies, operations, and stakeholder engagements, we foster transparency, accountability, and compliance with environmental regulations. Our governance frameworks enable us to mitigate environmental risks, responsibly manage

resources, and drive the transition to sustainable practices. With robust environmental governance, we actively address environmental challenges, drive innovation, and uphold long-term environmental stewardship for the betterment of present and future generations.

The CEO, director, and senior managers bear the ultimate responsibility for overseeing, evaluating, and managing environmental risks and opportunities. Regular quarterly meetings are conducted to assess environmental risks, evaluate plans, establish objectives and targets, and review performance outcomes comprehensively. Within these meetings, Sentinel Marine demonstrates its commitment to reducing shipping CO2 emissions by a minimum of 40% by 2030, with further efforts towards achieving a 70% reduction by 2050 (compared to 2008 levels). Additionally, the CEO, Director, and senior delegates dedicate at least one annual meeting to discussing the imperative goal of reducing total greenhouse gas emissions from international shipping by at least 50% (compared to 2008 levels).



Health and Safety

Sentinel Marine is dedicated and committed to the health and safety of our crew. With zero fatalities and only four lost-time injuries in the past decade, our exceptional safety record reflects our unwavering dedication, robust risk management, and comprehensive training programmes.

We firmly believe that promoting two-way communication from top-level management to our crew members and vice versa is crucial for maintaining a strong safety culture. Our leadership team actively communicates our safety goals, expectations, and initiatives to all levels of the Company, ensuring transparency and alignment. Similarly, we encourage our crew members to provide feedback, suggestions, and report any safety concerns they may have through various communication channels.

Maintaining an impeccable compliance record, we adhere to all laws, industry standards, and best practices. Our recognition and rewards programme acknowledges crew members and vessels that demonstrate exceptional safety

practices, encouraging a positive safety culture throughout our company. By highlighting and celebrating these achievements, we inspire others to prioritise safety in their daily activities. Thorough collaboration between our onshore HSE department, vessel HSE representatives, and safety coach, safety remains a top priority. We continuously enhance our safety practices, create a comprehensive safety framework, and empower crew members to prioritise well-being. We actively involve our crew in safety-related discussions, training sessions, and drills, ensuring their voices are heard and their insights are considered.

Our ultimate goal is to provide a safe and secure environment for everyone involved in our operations, driving continuous improvement and integrating safety in all aspects of our day-to-day activities. By encouraging open communication, recognizing outstanding efforts, and implementing robust safety measures, we strive to be at the forefront of HSE excellence in the maritime industry.

The Positive Observation Recognition Scheme, coupled with the prestigious Vessel Recognition Award, serves as a remarkable platform for acknowledging outstanding efforts in the fields of Health, Safety, and Environmental (HSE). Within the Company, Sentinel Marine have embraced this scheme and award as essential components of our commitment to HSE excellence. The Positive Observation Recognition Scheme, implemented by Sentinel Marine, stands as a testament to the power of recognizing and appreciating the smaller, positive actions and behaviours that contribute to a safer and healthier workplace.



Health and Safety Statistics



672,887
HOURS WORKED



0.00
LTIF



0.00
TRIR

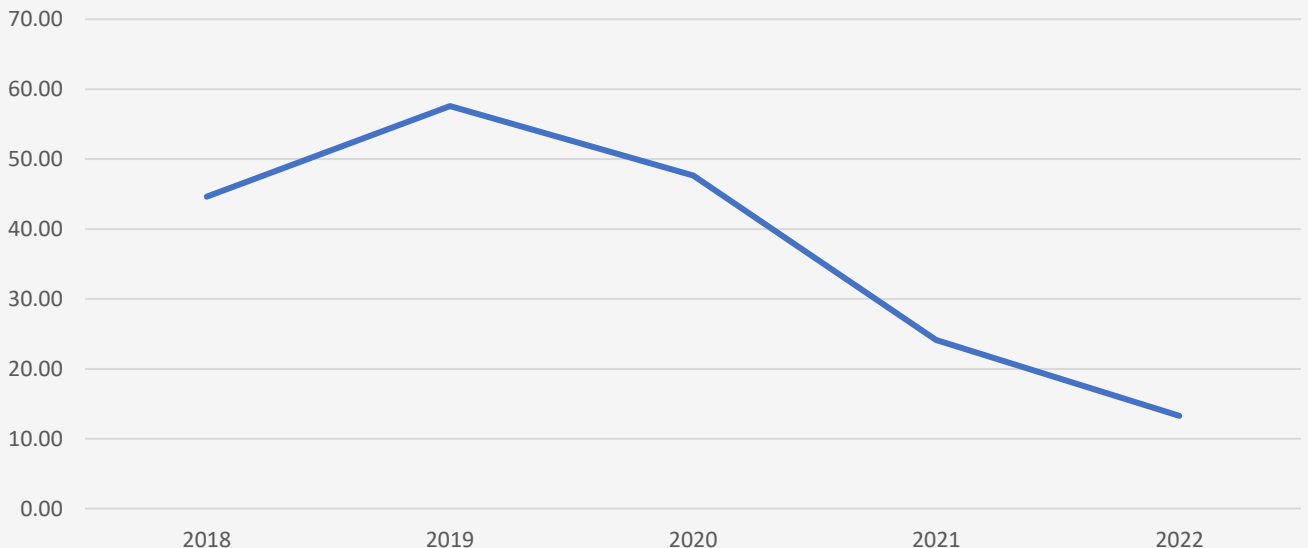


1201
Safety Observations

The statistics stated above are provide for the whole year of 2022 and include Loss Time Injury Frequency rate (per 1m manhours) and Total Recordable Incident Frequency Rate (TRIR)

Company Accident Rate

The diagram below shows the company accidents rate (FA, MTI, LTI, FA, Damage) per 1,000,000 man hours since 2018



Thank You for Reading



MORE INFORMATION

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