



Varuna Marine Services

SMART SUSTAINABLE SHIPPING



VARUNA MARINE SERVICES B.V.

Navigating Excellence in Maritime Solutions

A dynamic maritime solutions provider committed to offering a comprehensive suite of services designed to meet the evolving needs of our clients. Empowering maritime enterprises to lead the industry through timely and cost-effective solutions.

www.varunamarine.eu





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ABOUT

VARUNA MARINE SERVICES B.V.

Company Overview: Founded by a career seafarer, Varuna Marine Services BV specializes in aiding ship owners and technical managers with maritime regulation



- **Expert Team:** Our seasoned team of Master Mariners, Engineers, Architects, Surveyors, Hazmat and Cyber Security Experts, and Developers offer over 100 years of combined experience.
- **Regulatory Compliance:** We guide ship owners and technical managers in navigating and complying with the ever-evolving maritime regulatory landscape.
- **Digital Revolution:** Partnering with industry leaders, we drive digital transformation in the maritime sector.
- **Professional Solutions:** Our flexible, cost-efficient solutions keep businesses ahead of industry changes.
- **Competitive Pricing:** Tailored pricing meets today's financial demands.
- **Sustainability Focus:** We strive to minimize our carbon footprint through eco-friendly practices and technologies.
- **Global Presence:** We pride ourselves on our global footprints, serving clients in various regions around the world.

OUR CORE VALUES



INTEGRITY

Integrity is integral to our business, and we believe that success without integrity is failure



CLIENT COMMITMENT

When acting for our clients, their interests come first absolutely.



HIGHEST STANDARDS

Adherence to the highest prudential standards is a fundamental element of our work.



INNOVATION

We strive to be innovative in our approach and use both the commercial and technical experience to maximize the value for our clients



DNV APPROVED ISO 9001:2015 QUALITY MANAGEMENT



We hold ISO 9001:2015 certification, ensuring the delivery of high-quality outcomes. Our collaborative approach involves a global partner network meticulously chosen and established based on quality principles. This network operates within the ISO 9001:2015 framework certified by DNV, reinforcing our commitment to quality.



APPROVED SERVICE SUPPLIER BY MAJOR IACS



We hold certifications from leading classification societies and flag states, guaranteeing our adherence to top industry benchmarks. This ensures that our services consistently meet the highest standards expected within the industry.



AN EEX-LISTED EUA TRADER

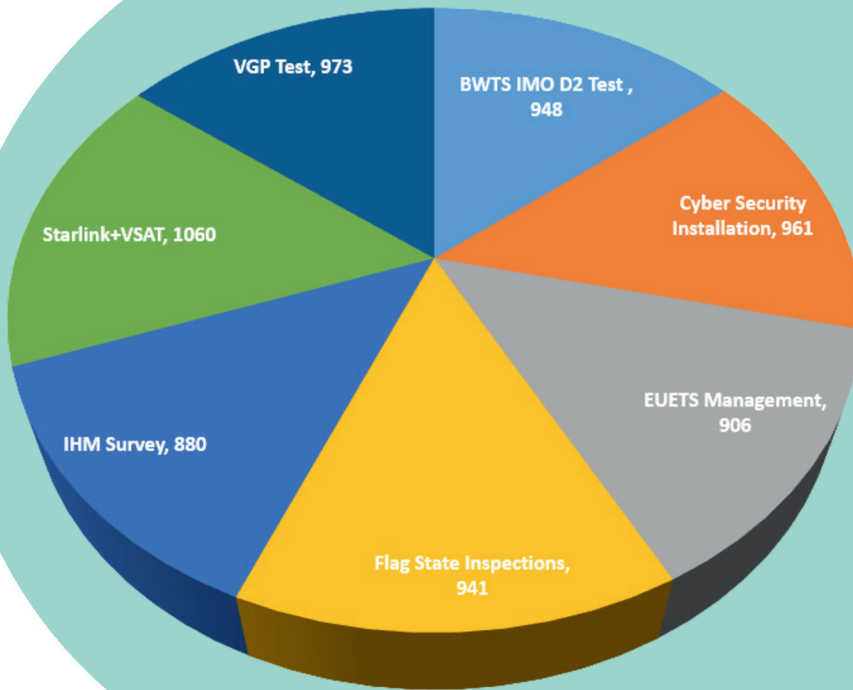


As an EEX-listed EUA trader, Varuna Marine Services BV supports maritime operators in acquiring EU Allowances (EUAs) for both Primary and Secondary markets, ensuring seamless EU ETS compliance.

OUR CLIENTS



OVERVIEW CONTINENT-WISE DISTRIBUTION OF MARITIME SERVICES



OVERVIEW COMPLETED JOB-WISE DISTRIBUTION OF MARITIME SERVICES

OUR SERVICES

IN A NUTSHELL



Emission Compliance:

- EU Emission Trading System (EU ETS)
- FuelEU Maritime
- EU Monitoring, Reporting, and Verification (EU MRV)
- IMO Data Collection System (DCS)
- Carbon Intensity Indicator (CII)
- EUA (EU Allowances) Trader
- Global US EPA Compliance - Sampling & Testing



Environmental Management

- Inventory of Hazardous Materials (IHM)
- Managed IHM Lifecycle Maintenance
- Worldwide Asbestos Removal & Management Plan
- Global Green Ship Recycling Supervision



Environmental Compliance

- Ballast Water Treatment System- Compulsory IMO D2 Commission Testing
- Ballast Water Treatment System - Installation and Retrofitting Consultancy
- Global US EPA Compliance - Sampling and Testing
- Annual BWTS Service



Maritime Inspection

- Worldwide Marine Consultancy, Surveying, and Inspection
- Flag State Inspection
- Technical Consulting
- Onboard Repair, Maintenance and Installation



Maritime Security & Digitalization

- Maritime Cyber Security Compliance - (IMO MSC.428 & IACS UR E26/E27)
- Flexible Maritime Communication - (Starlink, VSAT, IRIDIUM, 4G/5G)
- CyberSmart - AI-Driven Intelligence Engine

EMISSION COMPLIANCE



EU ETS

Varuna Marine Services BV, a licensed EUA trader, offers strategy development for carbon market exposure or cost savings. We assist in EU Registry Account setup, provide market insights, and facilitate EUA procurement through Primary market auctions with tailored contracts for MOHA transfers.



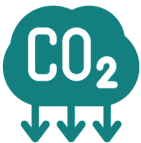
EU MRV

Trust us to guide you through the EU MRV requirements effortlessly. We offer tailored solutions to monitor and report your vessel's CO2 emissions, ensuring compliance with the European Union's rigorous standards.



IMO DCS

Navigate the International Maritime Organization's Data Collection System with ease by partnering with us. Our services cover the complete process, from data collection to reporting, ensuring that your operations align with global environmental regulations.



CARBON INTENSITY INDICATOR

Stay ahead in maritime by complying with Carbon Intensity Indicator requirements. Varuna Marine Services BV helps measure, report, and enhance vessel sustainability.



SEEMP II & III

Enhance your vessel's energy efficiency with our SEEMP II & III services. We collaborate with you to develop and implement effective energy management plans, ensuring compliance with the latest industry standards.



FUELEU

Stay future-ready with FuelEU Maritime compliance. Varuna Marine Services BV helps measure and reduce vessel emissions, ensuring sustainability and regulatory adherence.



EUA PROCUREMENT

Stay competitive by mastering EUA procurement. Varuna Marine Services BV offers expert guidance to secure EU Allowances, ensuring your maritime operations are sustainable and compliant with emissions regulations.

OUR SERVICES

ENVIRONMENTAL COMPLIANCE



Ballast Water Treatment System - Compulsory IMO D2 Commission Testing

We conduct class-approved testing in line with IMO BWM2-Circ 70-Rev 1. An independent test report is required for the issuance of the International Ballast Water Management Certificate. Approved by all IACS members.



Ballast water treatment system - Installation and Retrofitting Consultancy

Our services align with the IMO Ballast Water Management Convention, requiring the installation of Ballast Water Treatment Systems (BWTS) by September 8, 2024.



Worldwide US-EPA VGP Compliance

We can perform compliance testing for ballast water, grey water, bilge water, and scrubber wash water, assisting vessels with port calls in the United States of America to comply with the regulations outlined in the 2013 Vessel General Permit (VGP) and the upcoming Vessel Incidental Discharge Act (VIDA)



Annual BWTS Service

Varuna Marine Services BV provides expert Annual Ballast Water Treatment System (BWTS) Service, ensuring compliance with maritime regulations. Our comprehensive inspections, testing, and maintenance solutions help optimize system performance and safeguard marine ecosystems.

OUR SERVICES

ENVIRONMENTAL MANAGEMENT



Inventory of Hazardous Materials (IHM)

We provide services in compliance with the EU Ship Recycling Convention (EUSRR) and Hong Kong Convention (HKC) for the inventory of hazardous materials. Approved by all IACS members.



Managed IHM Lifecycle Maintenance

Our services ensure compliance with EUSRR and HKC for the maintenance of Inventory of Hazardous Materials. We act as your Designated Person for IHM Maintenance and our in-house team of Hazmat experts uses a state of the art software to carry out IHM Maintenance.



Worldwide Asbestos Removal, Abatement, and Management Plan

With expertise in arranging removal, disposal, and updating of the Inventory of Hazardous Materials for vessels containing asbestos, we ensure compliance with Flag and Class guidelines. Our services are available in major ports worldwide. We offer necessary plans if onboard asbestos cannot be removed in the short term.



Managed ESG Compliance and Reporting

Our Circularity ESG module offers an all-encompassing approach to sustainability reporting, providing detailed insights into various key performance areas. We collect and analyze data related to Ecological Impact, Air Emissions, Climate Change, Anti-Corruption practices, Employee Health and Safety, and Accident and Safety Management. The data from these parameters form the basis of our comprehensive reports, providing you with an accurate, transparent, and holistic view of your organization's sustainability performance



OUR SERVICES

MARITIME INSPECTION



Worldwide Marine Consultancy, Surveying, and Inspection

We offer expert guidance, surveying, and inspection services to ensure compliance with regulations and industry standards. This includes technical inspections, ISM, ISPS, condition surveys, bunker surveys, pre-purchase inspections, navigational audits, cargo surveys, and tank preparation, among others. Our network of local surveyors is available at major ports worldwide.



Flag State Inspection

Our Surveyors are approved by various flag administrations for conducting Pre-registration, Initial, Annual, and Special inspections including Provisional registration of vessels. Through our in-house quality control team and support of our global network, we can provide timely and cost-efficient Flag State Inspections.



Technical Consulting

We provide a comprehensive naval architecture and marine engineering service over the entire ship lifecycle from new building, through conversions, upgrades and refits to final disposal.



Onboard Repair, Maintenance and Installation

We offer complex repair and installation turnkey solutions, combining engineering and project management capabilities, which lead to substantial savings for Owners. Onboard repairs, maintenance, and installations on a worldwide basis utilizing its combined engineering and project management capabilities

OUR SERVICES

MARITIME SECURITY & DIGITALIZATION



Maritime Cyber Security Compliance - IMO MSC.428(98) and IACS UR E26 and E27

We offer comprehensive services in line with IMO MSC 428 and IACS UR E26 and UR E27. This includes cyber security policy drafting, crew training, onboard network mapping, active network monitoring, and security operations center (SOC) services.



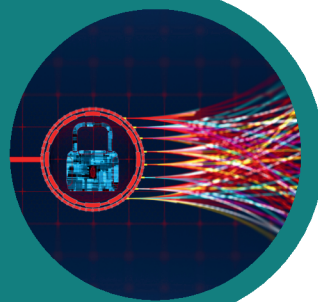
Flexible Maritime Communication - STARLINK , VSAT , FBB, IRIDIUM, and 4G/5G Connectivity

We provide reliable and flexible connectivity solutions for maritime operations. Our antennas are light weight and easy to install. No complex installation and downtime required. Saving time and operational cost in the process. Pay only for what you use with our flexible data packages and attractive pricing.



CyberSmart - Artificial Intelligence Engine

CyberSmart is an AI-driven platform digitizing maritime operations. As a SaaS analytics solution, it uses advanced cloud infrastructure and proprietary algorithms to identify trends from aggregated and historical data. Modules include Smart Inspect, Smart Navigation, Smart Data, Smart Analytics, Smart Operation, Cyber Shell, and Smart EMRV.

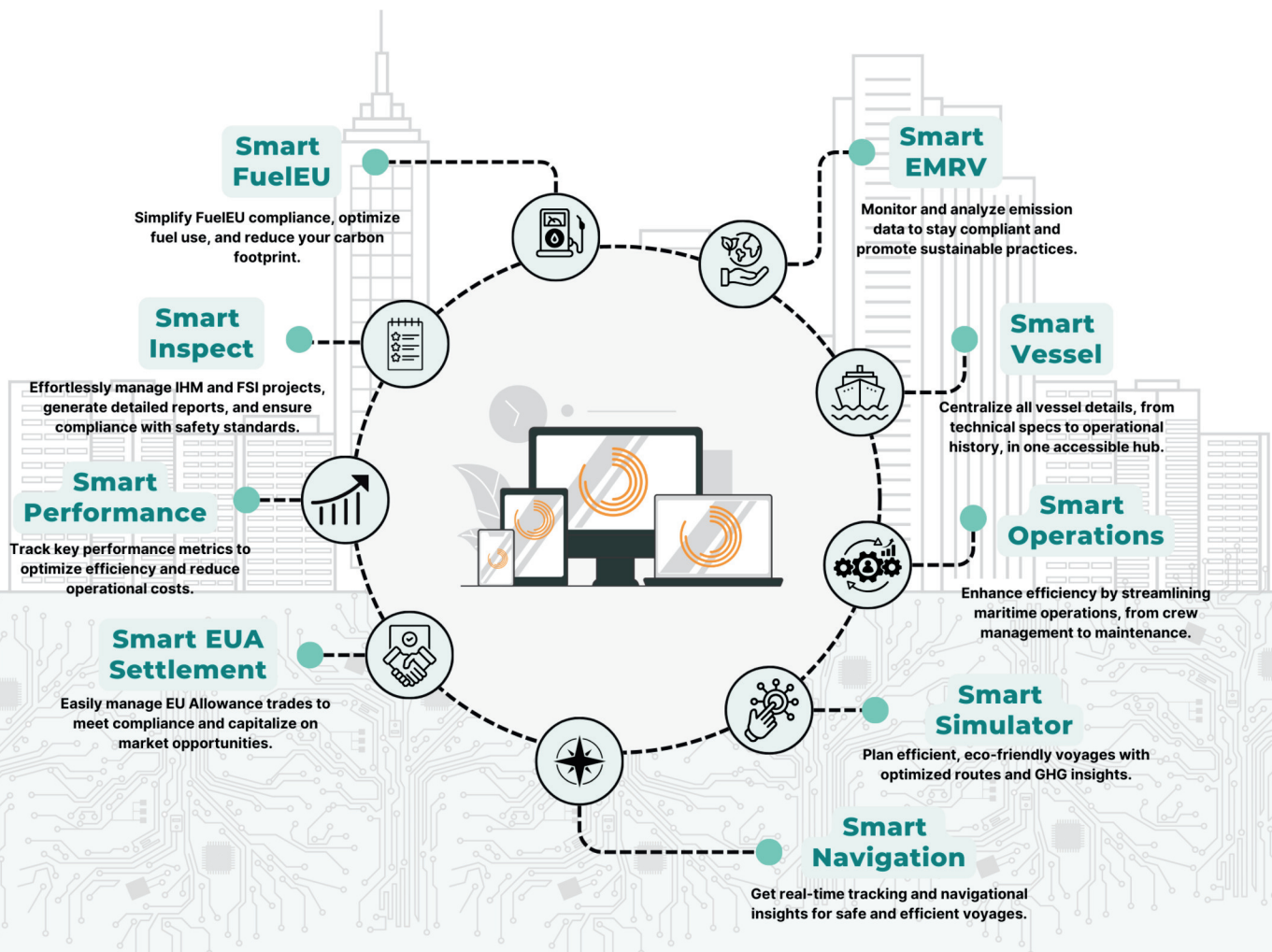


OUR SERVICES

CYBERSMART

ARTIFICIAL INTELLIGENCE ENGINE

CyberSmart is an AI and machine learning-based multi-modular platform designed to digitize maritime operations.





WHY CHOOSE US?

At Varuna Marine Services B.V., we are more than just a maritime solutions provider—we are your trusted partner in navigating the complexities of the maritime industry.

Here's why maritime businesses worldwide choose us:

- **Comprehensive Solutions:** We deliver tailored, innovative services to address the maritime sector's evolving challenges, from Emission Compliance to Cyber Security and Digitalization.
- **Industry Leadership Support:** Our cost-effective, timely solutions help maritime businesses stay ahead of regulations and enhance operational efficiency.
- **Expert Team & Global Reach:** With a worldwide presence and a skilled team of industry professionals, we provide unmatched expertise and support.
- **Proven Excellence:** Trusted by shipowners and managers for cost-effective solutions that ensure compliance, efficiency, and industry leadership.
- **Sustainability Focus:** Committed to eco-friendly practices, we help clients achieve sustainable operations while minimizing their carbon footprint.

Partner with us for expertise, innovation, and sustainable success!

OUR TEAM LOCATIONS WORLDWIDE



CONTACT US AND WE WILL DELIVER!

Questions? Comments? Concerns?

Contact us to discuss anything you'd like, or simply drop a line to say hi. We love coffees and always welcome the opportunity.



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Thank You

We look forward to hearing from you soon!

Thanks for your time and effort in going through the booklet!



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Your Trusted Partner for Maritime Solutions!

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