



MARINE ELECTRONICS SPECIALIST

Catalogue

2024 / 25



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HONG KONG (HEAD OFFICE) | CHINA | CANADA | SINGAPORE | PHILIPPINES | VIETNAM

90+

ENGINEERS
WORLDWIDE

14

DEPOTS ACROSS
ASIA TO NORTH AMERICA

24/7

SERVICE
SUPPORT

Safety
Quality
Integrity
Passion

core values

30+

YEARS' EXPERIENCE
IN MARINE ELECTRONICS



Brands & Classifications

BRANDS



* Furuno Dealership for North America

CLASSIFICATIONS



Support

Services

PROVEN TECHNICAL SUPPORT WITH WORLDWIDE SOLUTIONS



Shipping never sleeps, and neither do we. Our engineers are available round the clock, 365 days a year, ensuring you're covered for both routine maintenance and emergencies. With over 30 years of experience, we excel in handling complex tasks, from new-build shipyard projects to urgent retrofits. Our team of over 90 factory-trained technicians and Class Approved surveyors provide top-notch technical support.

As your turn-key solutions provider for all navigation and communications systems, we've earned the trust of the major IACS members. Choosing Hostmost means choosing quality that meets the highest industry standards.

globalservice@hostmostgroup.com

Technical Support

FOR ENQUIRIES:
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Installation & Maintenance



Repair & Retrofit



Gyro Overhaul



Radio Survey & VDR/APT



Backup Systems Installation



Efficiency

Transparent Budget Forecasting

An interactive Customer Portal with up-to-date information on vessel equipment installation and service histories.

**FOR ENQUIRIES:
globalservice@hostmostgroup.com**

Assuring Reliability

We provide **GMDSS Shore-Based Maintenance Certificate** per the requirement of SOLAS Chapter IV regulation 1.



Spare Parts

Supply

We prioritize first-time fix rates and swift repairs, every time. Our global warehouses in Hong Kong, China, Canada, Singapore, and the Philippines, house a vast inventory of equipment and spare parts enabling prompt delivery to vessels worldwide.

globalservice@hostmostgroup.com



World-Class
Products

ONLY WORLD-CLASS MARINE ELECTRONICS FROM
REPUTABLE MAKERS

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Communication

GMDSS



EPIRB



2-Way VHF Radio



MF/HF Radio



VHF Radio



UHF Portable



Radar Transponder



AIS



Navtex

Communication

GMDSS

Satellite Communication



VSAT



Navigation

NAVAID

Radar



JMR-9200/7200 Series Radar (6-9ft scanner)
JRC X-band & S-Band ARPA Radar



JRC S-Band Solid-State ARPA Radar

GPS Compass



JLR-21

Magnetron



EEV MG5436

Autopilot



PT900 Autopilot

ECDIS



JAN-7201S/9201S

BNWAS



JCX-161



G2



NJRC M1568B (J)



CMZ900 Gyro
Compass Series



JAN-9201/7201
New MFD Series



High Precision Navigation



The Non-Portable Piloting Unit (NPPU) is an essential tool for advanced pilotage across numerous ports. Following the recent issuance of Advisory to Shipping No. A-32-2022, the ACP has outlined a new positioning system requirement for Neopanamax vessels starting from October 2023.

Compliant with stringent requirements from the Panama Canal Authority (ACP), the NPPU revolutionizes high-precision navigation, ensuring **safe and efficient** canal transit.

Key Advantages

- Augments safety and efficiency during maneuvers in confined waters.
- Offers pilots and ship crew the most accurate navigational data.
- Tested and certified for performance under real signal jamming and spoofing conditions.

Capabilities

- **GNSS Positioning and Inertial Components:** State-of-the-art, robustly tested under real jamming scenarios.
- **Dependable Performance:** Ensures reliability in challenging conditions.
- **Navigational Data:** Independent data on positioning, speeds, heading, and Rate of Turn. Optimal accuracy and reliability, surpassing standard bridge instrumentation.
- **Data Dissemination:** Via WLAN, optionally accessible through the ship's wired network.
- **Backup Battery:** Ensures uninterrupted operation during power outages.

Carbon

Intensity Indicator

IMPROVE YOUR CII RATING WITH INNOSPEC, THE MARKET LEADER
AND WORLD'S LARGEST SUPPLIER OF MARINE FUEL ADDITIVES



Today's market depends more than ever on the reliability and efficiency of marine engines. Environmental legislation is putting pressure on shipowners, managers, and operators to reduce emissions. Our marine combustion additives can be used for all types of marine fuels. These specialty solutions will enhance fuel stability and quality, while protecting a ship's valuable systems and reducing maintenance costs.

Hostmost is the appointed distributor of Innospec marine additives.

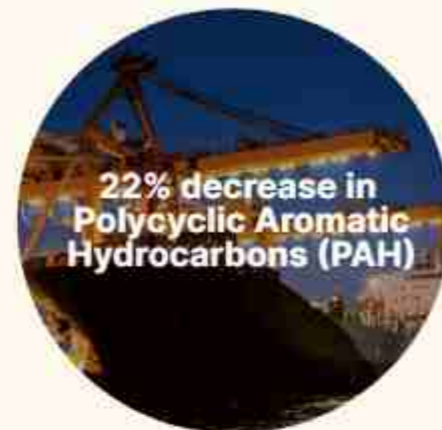
innospec@hostmostgroup.com

Proven Results

After extensive testing across fleets, test beds, and laboratories, Innospec's technologies optimize engine performance, resulting in reduced fuel consumption and emissions, thus benefiting the environment. At the forefront of this movement, Innospec integrates operational efficiency, reliability, and sustainability to minimize the environmental footprint of maritime transportation.



Our cutting-edge fuel treatments are designed to boost energy efficiency and deliver fuel savings of up to 3.9%. This is helping to reduce our customers' operational costs while maintaining the optimal performance of their vessels.



Real world test results demonstrate that our additives significantly reduce emissions including a decrease of up to 22% in Polycyclic Aromatic Hydrocarbons (PAH). This can all be achieved without sacrificing engine performance. This is great news for the environment.



With Octamar™ it is not only possible to reduce emissions but also visibly decrease black smoke by up to a remarkable 60%. This creates a safer and more pleasant working environment for all on board without compromising engine performance or reliability.



By treating fuel with Octamari™ it is possible to prevent both distillate and asphaltene sludge formation in MEFO up to 100%, ensuring both the fuel system and engine run clean and trouble-free. Less sludge means less wasted fuel, less unplanned maintenance and defects and better conditions for the crew.



innospec

FOR ENQUIRIES:
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Innospec manufactures and supply a wide range of fuel treatments for the marine industry

The effectiveness of Innospec's Octamar™ line of combustion catalysts has been acknowledged by the leading ship classification society, ClassNK. They independently validated the performance of Octamar™ Ultra HF, Octamar™ Complete, and Octamar™ F35C in enhancing fuel efficiency and lowering emissions. Additionally, Octamar™ HF-10 Plus received a 'Statement of Fact,' affirming its capability in preserving VLSFO stability.

Very Low Sulphur Fuel Oil (VLSFO) also when blended with biofuels up to 30%

Avoid fuel instability and bunker incompatibility issues by utilizing Octamar™ HF-10 Plus and Octamar™ Ultra HF. These are the only additives that safeguard against distillate sludge, asphaltene sludge, and biofuel degradation in VLSFO.

High Sulphur Fuel Oil (HSFO)

Enhance scrubber efficiency by decreasing exhaust particulates with Octamar™ BT-25, a proven additive with over two decades of proven performance, alongside Octamar™ Complete.

Middle Distillate and Ultra Low Sulphur Fuel Oil (ULSFO)

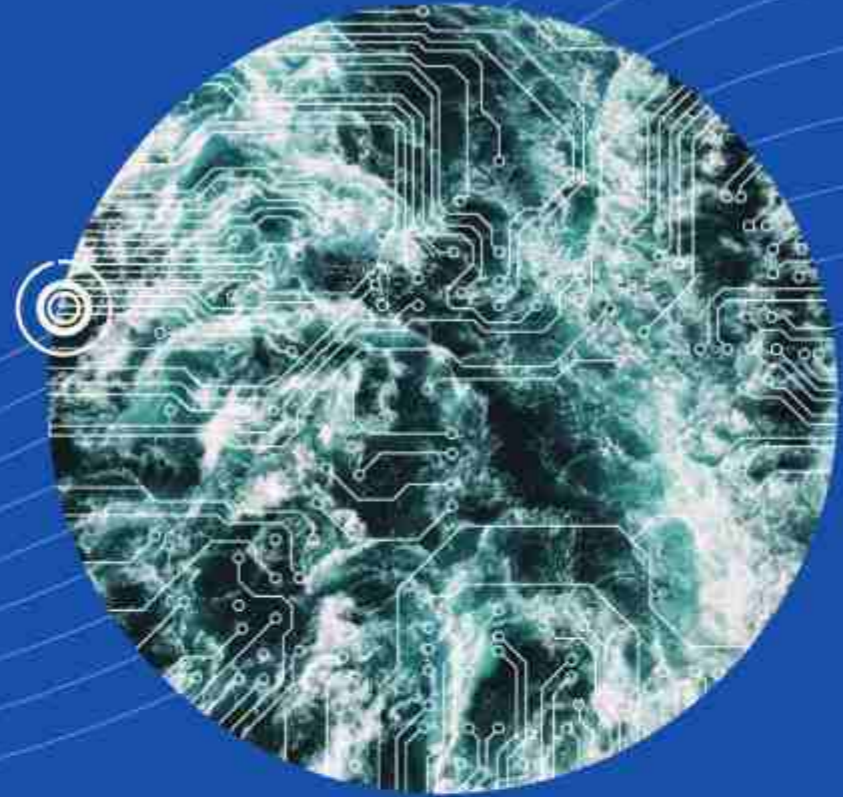
For engine protection and safe operation, employ Octamar™ LI Series and Octamar™ Winterflow, both fuel treatments with verified and proven performance.

		Anti-Corrosion	Ash Inhibitor	Asphaltene Dispersant Stabiliser	Biofuel Application	Cold Flow Improvement (CFPI)	Combustion Catalyst	Detergent Cleaner Anti-Fouling	FSME Stabiliser	Lubricity Improver	Organic Ignition Improver	Stabiliser, Anti-Aging	Soot Catalyst	Strong Biocides
VLSFO	Octamar™ HF-10 Plus	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Octamar™ Ultra HF	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
HSFO	Octamar™ BT-25	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Octamar™ Complete	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Octamar™ F35C	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Middle Distillate and ULSFO	Octamar™ LI-S Series	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Octamar™ Winterflow	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Octamar™ 71	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Innospec Global Stock Points

Innospec has stock points worldwide, offering regional technical support for innovative solutions. Ensuring timely product availability, Innospec and Hostmost propel towards a cleaner, more efficient marine industry.





Smart Technology

**SEAMLESSLY INTEGRATED SMART SOLUTIONS FOR ENHANCED
EFFICIENCY, SAFETY, COMPLIANCE, AND CONNECTIVITY AT SEA**

The Hostmost Group offers a comprehensive suite of maritime software solutions, from OneOcean, Regs4ships, Veinland, and Polestar designed to optimize navigation, compliance, sustainability, safety, and vessel performance. With a strong commitment to crew welfare and the increasing demand for efficient communication, options for reliable global coverage and high-speed internet access technologies signify a new era of connectivity in the maritime industry.

globalservice@hostmostgroup.com

Software Solutions

Stay on Course

OneOcean **Charts & Publications** gives instant access to ADMIRALTY digital publications, Admiralty Vector Chart Service (AVCS), Admiralty Information Overlay (AIO), and Notices to Mariners (NTMs). Pay as you sail (PAYS) or buy charts in advance to maintain control and compliance.

Manage your outfit flexibly, both onboard and between ship and shore, ensuring safe and compliant travel with the right permits for the right place and time.

Regulatory Compliance

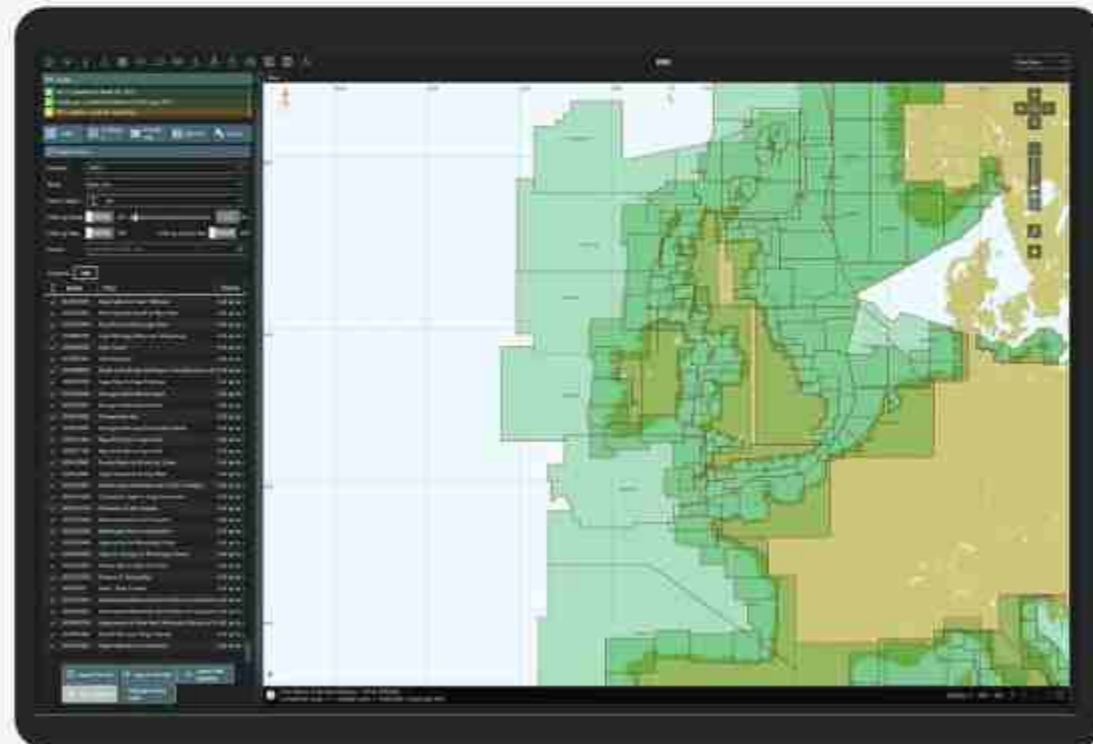
(Regs4Ships)

A searchable, maritime regulation database that combines Flag State compliance documentation with IMO, ILO & EU legislation to provide an overall regulatory solution.



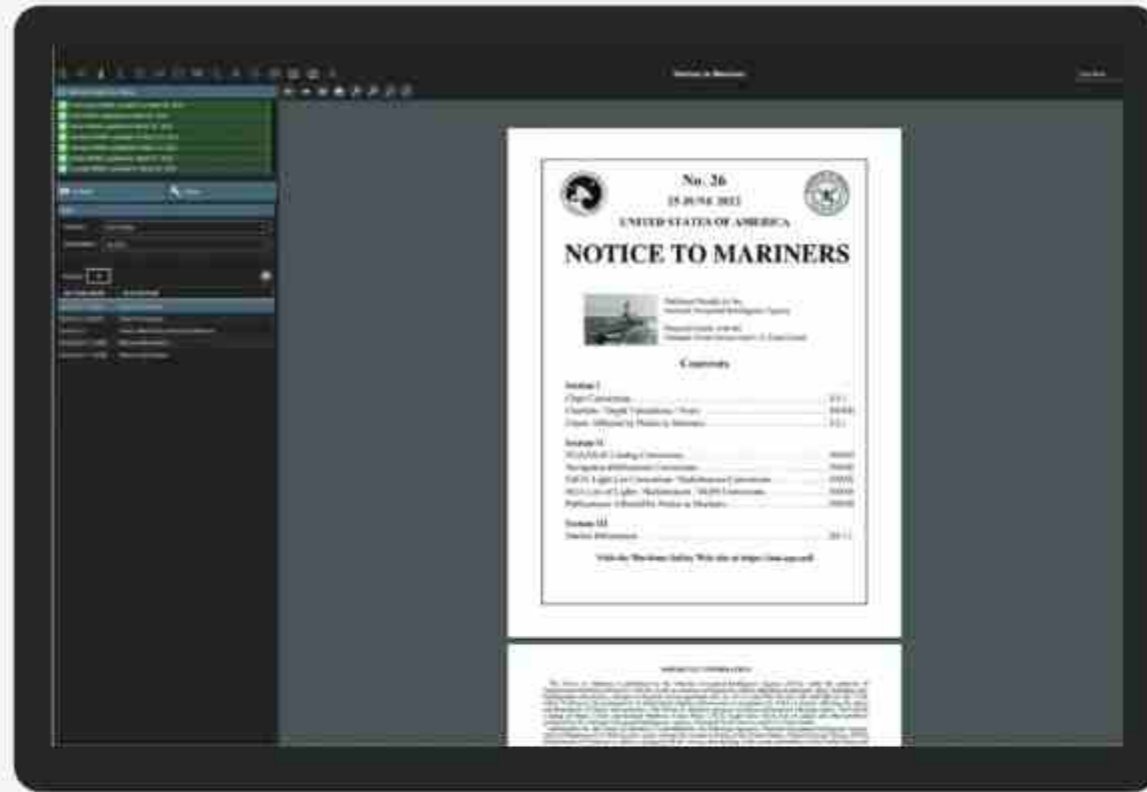
Straightforward Management

Electronic chart outfits and corrections can be applied automatically through the Platform and can be managed simultaneously alongside Electronic Nautical Charts (ENC), paper charts and Notices to Mariners.



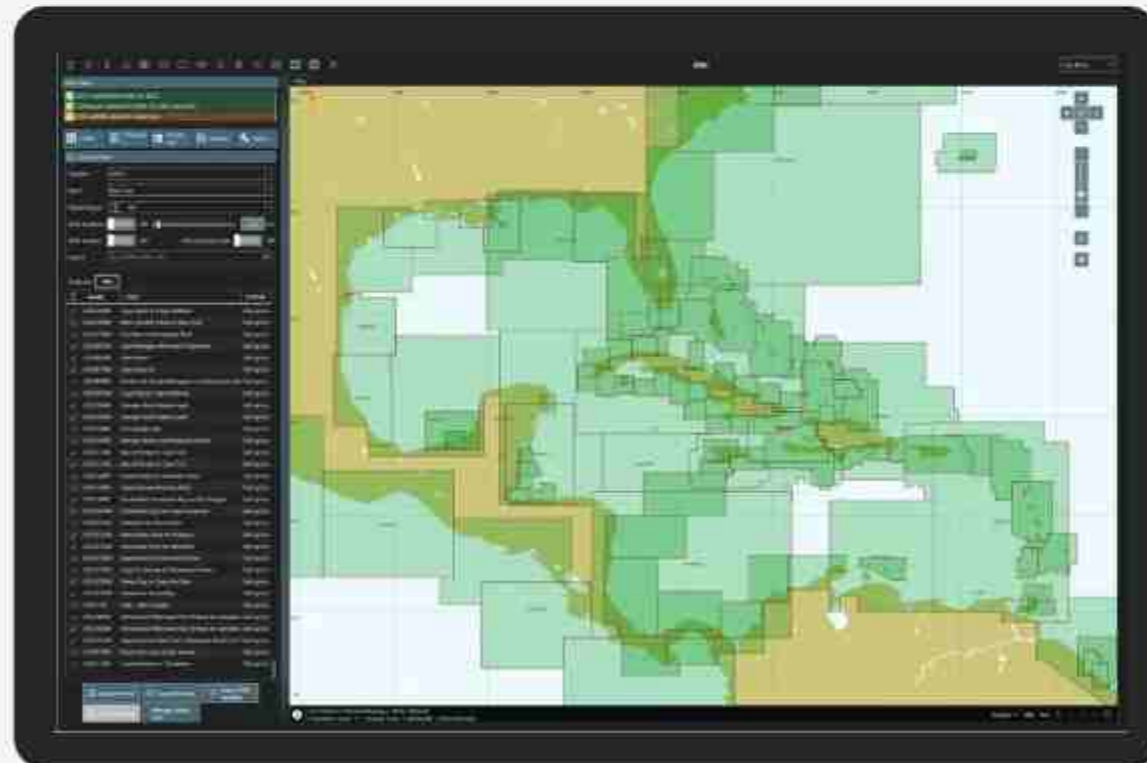
Easy to Visualize Validity

Colour coding helps users during planning to see at-a-glance the status of their permits and how much time they have left on them. This allows seafarers to adjust operations based on optimal permit usage.



Correct Publications

Charts & Publications secures peace of mind for users, making it easy to plan a compliant voyage by ensuring seafarers can access the necessary publications for each region they sail through.



Flexible Voyage Execution

PAYS provides complete adaptability – allowing access to all charts and permits for planning, but only requiring users to purchase those needed for the areas they physically sail through.

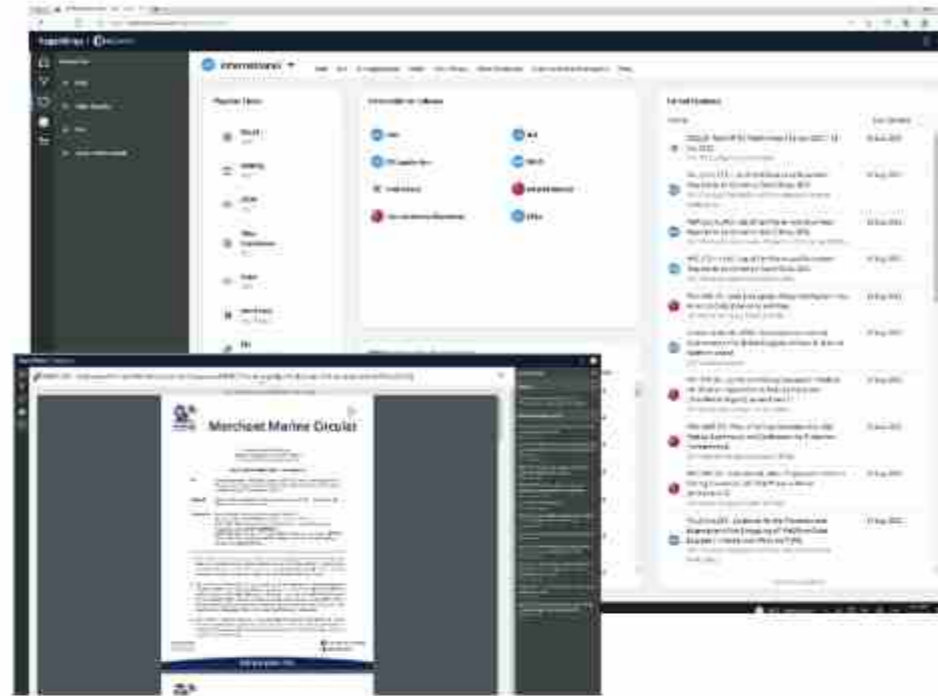
This means if vessels need to change course, compliance isn't a concern, as all the necessary charts and permits are already stored within the Platform.

A Single Database for Regulatory Documentation

Through OneOcean Compliance, vessels worldwide have the necessary resources to maintain regulatory and environmental compliance, supported by an accurate audit trail and consistent digital reporting accessible via the OneOceanLR Platform.

Source: Reg4ships Module Guide

Easily search all regulatory documentation through one digital platform



Mitigate the Risk

Navigating compliance can be intricate and time-consuming for seafarers. It involves juggling international laws, ever-evolving maritime regulations, and safety protocols safeguarding crew, cargo, vessels, and the environment. The stakes for any misstep are considerable, encompassing both financial penalties and damage to reputation.



Highlights

- Easily searchable content from one digital platform
- Includes regulations for flag states with Whiteist status and others under the Paris MoU PSC regime
- Customisable view includes favourites, saved searches and latest updates by source
- 12-month timeline of upcoming document modifications
- Documented amendments version history helps understand the impact on internal processes and policies
- Available online and offline for continuous access to data



Benefits

- Mitigated risk through uninterrupted access to regulations
- Provides clarity around regulation changes and updates
- Demonstrates compliance to authorities, regulators and insurers
- Saves time, removing manual searches across multiple regulations
- Delivers peace of mind
- Supports advance planning to ensure operations and procedures remain compliant

Ship Performance Management System

Continuous Monitoring

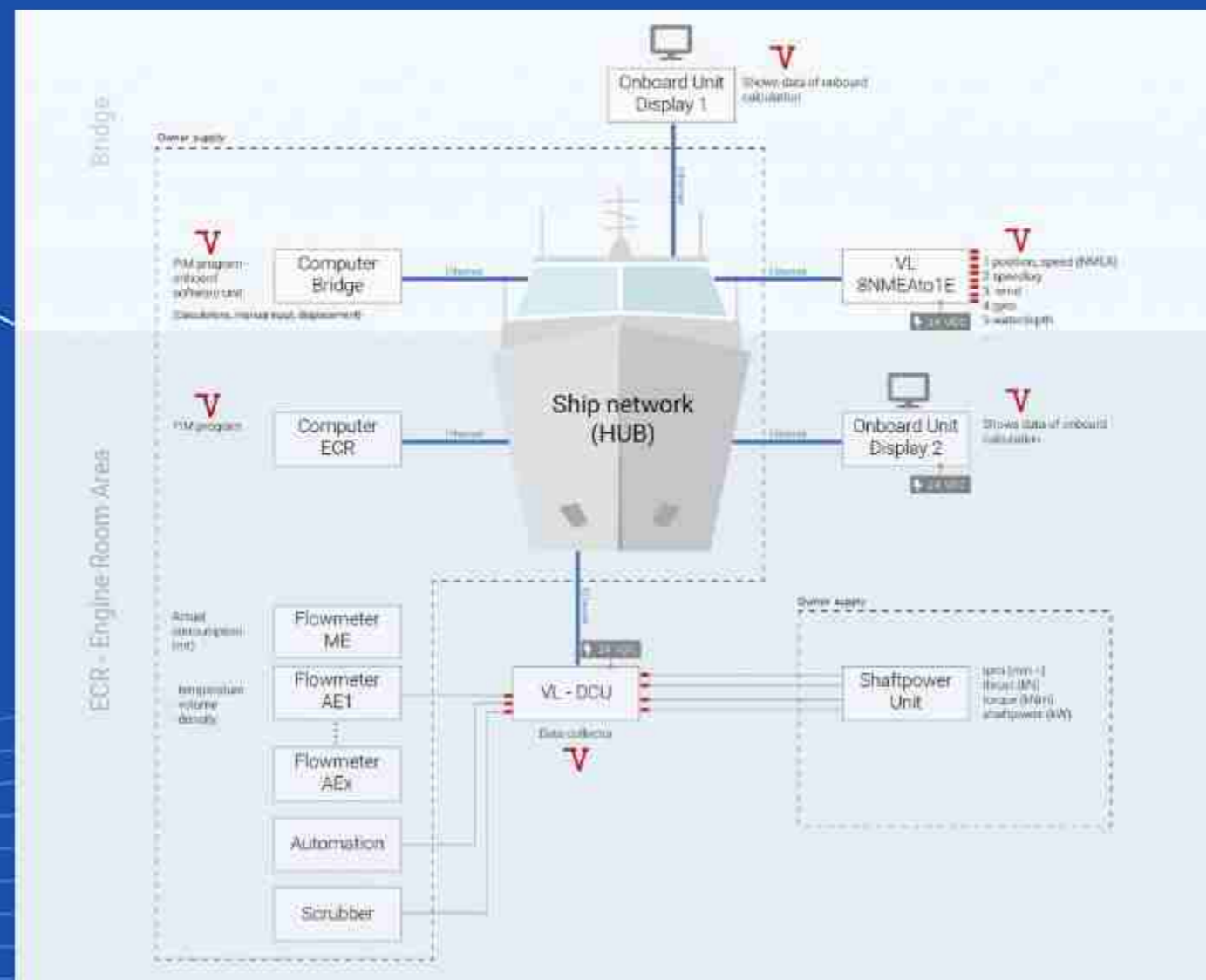
Continuous ship performance monitoring ensures conformity and efficiency.

Data Collection & Analysis: Using hardware like VEINLAND's PIM Performance Indicator Monitor to gather and analyze data from various sensors and meters, enabling the establishment of Key Performance Indicators (KPIs) for efficient fleet management and cost-saving measures.

Veinland's PIM Data Input

- Serial interface NMEA (e.g. Draft, Speedlog, GPS)
- Flowmeter (pulses) (e.g. ME, AE, Boiler)
- Analog inputs 4-20 mA (e.g. RPM, Thrust, Torque, Shaftpower)
- Manually input (displacement, draft, fuel, cost)
- ModBus (Automation)
- Temperatures (Fuel Temperatures)

Example of onboard installation



Vessel Tracking

The ultimate near-real time shoreside fleet monitoring, incorporating security threats, risks, and regulatory zones through multi-source high-definition tracking.

FOR ENQUIRIES:

globalservice@hostmostgroup.com



Blending Tracing Technology



Event notifications



Analyze the past



Monitor the present



Customize without constraint



Process and visualize billions of data points



SSAS Management

In security situations, rapid response is crucial. Pole Star application simplifies and accelerates the management of ship security alerts and tests, ensuring fleet protection from anywhere.



Alert without Limits



Alert Trails



Alert Procedures



Closest Ship



Large Interactive Maps



Hardware Agnostic

LRIT Confirmation & Testing

Access our convenient, secure, and user-friendly web-based LRIT Conformance Test service to initiate tests online and monitor progress anytime. As the world leader in LRIT testing with over 40,000 completed tests for global ship operators, Pole Star ensures comprehensive and reliable compliance.



Online testing portal



Quick results within 48 hours



Live progress check



Fleet upload with one click



Order your certificate online



Fast track certificate within 3 days



24/7 support in UK, HK, SG, PAN, and USA

The Hostmost Group provides MDA, SSAS Management, LRIT Conformance and Vessel Tracking solutions

Source: www.polestarglobal.com



Connectivity

Inmarsat owns and operates 15 satellites in geostationary orbit 35,786km (22,236 miles) above the Earth.

Hostmost is the authorized Inmarsat PSA (Point of Service Activation) operator in 94 countries providing Inmarsat I.D. activation and de-activation service in a timely manner.

LARS Thrane

communication systems

The Iridium network is the world's largest commercial satellite network, providing true global communication coverage across every corner of the Earth, including the polar regions and all areas in between, for both message and voice communication.

Iridium Certus is perfect for Citadel installations and suitable to replace Inmarsat- C in the GMDSS system.

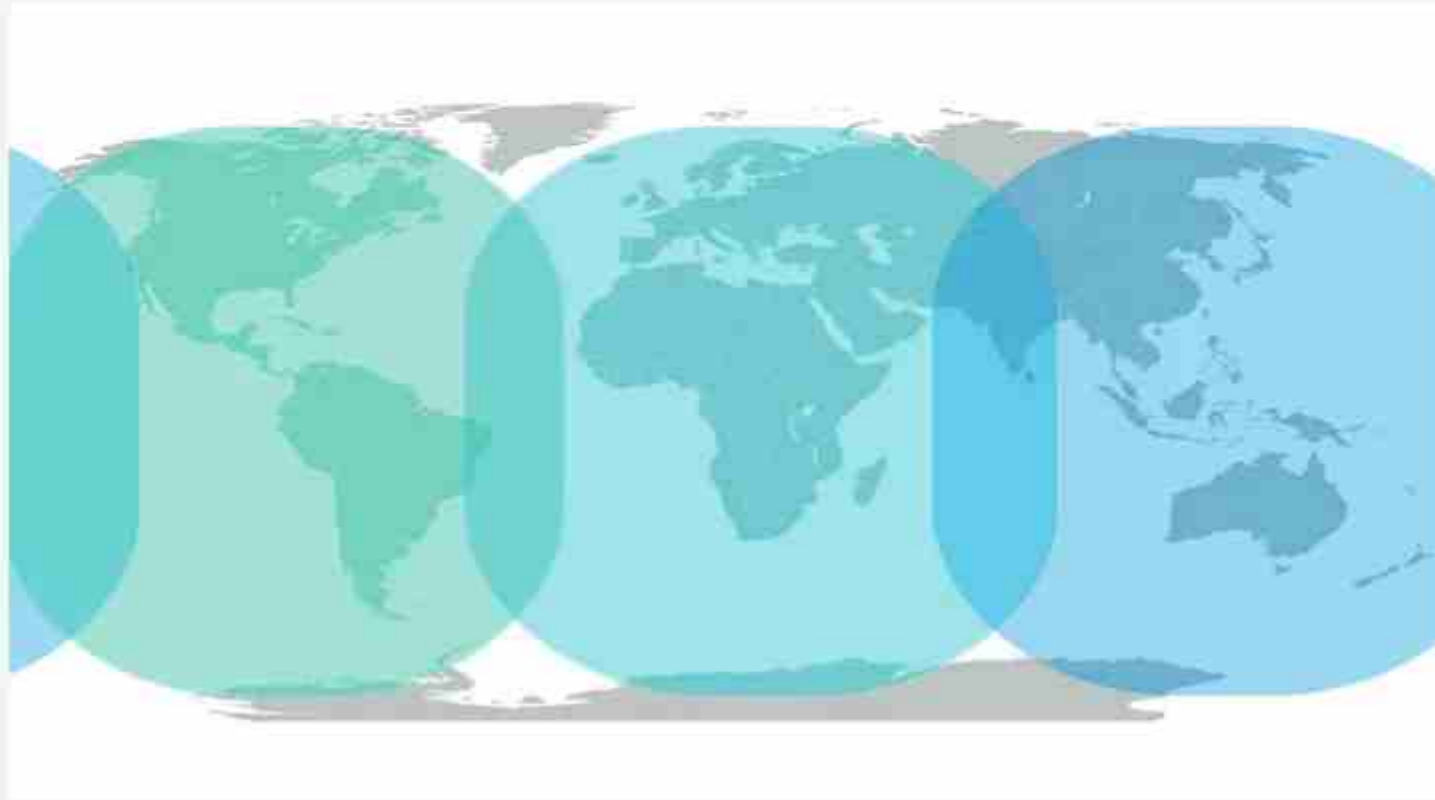
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Comparison

Solutions	Channels							Coverage
INMARSAT-C	Telex	Email	SSAS	LRIT				Sea Area (A1+A2+A3)
IRIDIUM LT-3100S GMDSS	Telex	Email	SSAS	LRIT	SMS	Voice Call	Data	Sea Area (A1+A2+A3+A4)*

Inmarsat Coverage



Iridium Certus Coverage



High Speed Internet, Almost Anywhere on Earth

Starlink stands as the pioneering and most extensive array of low-earth orbit (LEO) satellites orchestrated by SpaceX revolutionizing the realm of broadband connectivity by delivering enhanced bandwidth and reduced latency.

Why Starlink?

Mode	from Earth	Latency	Result
Geostationary Satellite	36000km	High 600ms	<ul style="list-style-type: none">- Buffering issues- Delayed responses
Starlink Orbiting	550km	Low 25ms	<ul style="list-style-type: none">- Reliable Internet Connectivity even in the most remote parts of the world- Improved Crew Welfare- Reduced Costs- Enhanced Safety & Security

Vessels become as connected as any office or home, affording crew unprecedented access to friends and family while enabling an entirely new level of collaboration between ship and shore.





For the Merchant

OneWeb's maritime services revolutionize fleet management and vessel connectivity at sea. Their solutions enhance performance, cut costs, and monitor environmental impact for sustainability. With equal bandwidths across all channels, OneWeb prioritize crew productivity and wellbeing. Additionally, OneWeb's terrestrial-like services offer exceptional capacity in the Arctic, enabling monitoring of sensitive routes.

Connectivity Made Easy

OneWeb's flexible, scalable, and reliable connectivity plans revolutionize vessel connectivity at sea. These plans enable faster data allowances, driving performance and supply chain efficiencies, with a key focus on improving crew welfare.

Geater capacity and higher throughput than alternative solutions today. Low latency that enhances and enables latency-sensitive applications and future-ready cloud solutions.



Safeguarding crew welfare requires reliable, affordable, and available connectivity, considered a human right for all crew onboard. Ship owners and operators are seeking novel approaches to enhance vessel performance. Working with vessels at sea as if in a normal environment can be a crucial differentiator.

The Connected Seafarer The Connected Bridge

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