

OneOcean



Technical Ship Management:

TM Master



Simple, compliant and safe
ship management

Every detail counts at sea

Running a safe, compliant, and profitable fleet depends on every moving part working in sync. Yet too many operations are still managed through a patchwork of spreadsheets, paper forms, and disconnected systems. The result is more breakdowns, more delays, higher costs and greater risk to people, cargo and the environment.

Technical failures are more than an inconvenience. A breakdown at sea can halt schedules, trigger expensive emergency repairs and in the worst cases leave a vessel adrift. Reducing these risks requires preventative maintenance carried out on time with the right tools, spares and skilled crew. But without clear planning and reliable information, jobs get missed, parts run short and risk levels climb.

To add to the complexity, each vessel is different, with its own equipment, schedules and maintenance needs. Managing these without accurate data is like navigating without a chart. Missed servicing, expired certifications or poorly timed crew changes can have an impact on vessel and inspection performance. Plus, crew expertise, qualifications and rest hour tracking must all align with operational plans to keep the vessel safe and compliant.

Managing stock to keep a global fleet equipped with the required resources is also a balancing act. Overstocking ties up capital, understocking leads to costly rush orders and manual tracking leaves too much room for error. Add slow, manual procurement to the mix and bottlenecks are inevitable, with delays spreading through the schedule.

Then come inspections. If documentation is incomplete or scattered, preparing for audits becomes a complex task. The wrong information, or no information at all, can mean penalties, reputational harm and lost time in port.

When maintenance, crewing, inventory and compliance data live in different places, blind spots multiply. Without a single, accurate source of truth, managers face miscalculations, duplicated effort and missed chances to make operations safer, leaner and more profitable.





Fleet-wide management made simple

TM Master brings planned maintenance, procurement and inventory, crewing, and QHSE management together in one connected system. It replaces scattered records and manual processes with accurate, connected data that everyone can access, enabling a more reliable, safe and efficient fleet.

As part of OneOcean's Technical Ship Management solution, TM Master gives shore teams and crews the same clear picture of vessel condition, resources and compliance status. Tasks are easier to coordinate and risks are easier to anticipate.

Every job is scheduled with the right parts, tools and personnel in place, so work is done correctly and on time. This reduces breakdowns and unplanned downtime, and extends the life of critical assets.

Crew management is built into the same system. Assignments can be planned alongside maintenance schedules, with certifications and rest hours data on hand. This helps ensure safe, compliant operations and reduces the risk of detentions or penalties.

Procurement is faster and more controlled. Requisitions and approvals are fully digitised, prices and suppliers can be compared side-by-side and in your own currency, and deliveries are tracked from order to arrival. With visibility across the fleet, operators have greater purchasing power, leveraging better pricing and reducing expensive urgent orders.

Compliance can now be a simpler process. TM Master maintains audit-ready documentation for maintenance, inventory of hazardous materials, medical supplies, crew certifications and work/rest hour compliance. Reports for inspections or port calls can be produced quickly and easily, helping avoid delays and stress.

By uniting every aspect of technical ship management, TM Master gives operators a single, reliable source of truth. It simplifies informed decision-making and frees teams to focus on delivering safe, efficient and profitable operations.

Complete control in four parts



Planned Maintenance

Maximise uptime and extend asset life with a structured, auditable approach to vessel maintenance. Plan, schedule and track every task across the fleet, linking them to equipment histories, spare parts and operational plans. Ensure work is completed correctly, on time and in line with regulations, reducing the risk of breakdowns and unplanned downtime.



Procurement

Control costs and keep vessels operating smoothly with an integrated procurement process. Streamline requisitions, approvals and supplier management while maintaining visibility over pricing, delivery and stock levels. Reduce workload, remove bottlenecks and use fleet-wide purchasing power to secure better value and fewer urgent orders.



Quality & Environment

Protect your fleet, crew and reputation with a centralised system for managing risk and compliance. Log and investigate incidents, implement corrective actions, track regulatory requirements and produce accurate reports. Keep audit preparation simple and ensure your operations meet the highest safety and environmental standards.



Crew

Ensure every vessel is staffed with the right people, with the right qualifications, at the right time. Plan assignments, track certifications and monitor work/rest compliance to safeguard safety and operational continuity, while avoiding detentions and penalties.



Planned Maintenance

Smooth operations, **no surprises**

Planned maintenance is the backbone of reliable vessel performance. TM Master gives operators the tools to plan, schedule and manage every maintenance task across the fleet with confidence, replacing guesswork with a structured, auditable process.

How it works

Maintenance can be planned from a solid foundation of data with a single consolidated view. Every job is linked to detailed equipment histories, spare parts needs and operational plans. The system ensures the right crew, tools and components are in place before work begins, helping teams complete tasks correctly and on schedule.

TM Master maintains a complete maintenance history for each vessel, making it simple to demonstrate compliance with class and regulatory requirements. Inspection readiness is built in, with records and plans easily accessible, minimising preparation time.

Proactive care, carried out on time, reduces reactive fixes, so operators can extend asset life, reduce operational costs and protect schedules. Planned maintenance becomes a driver of fleet performance rather than a drain on time and resources.

Benefits

Maximise vessel uptime with proactive scheduling and reduce risk of unexpected breakdowns and delays.

Link every job to equipment and parts to ensure all requirements are captured before work begins.

Ensure the right crew and tools are ready and match skills and resources to the task.

Maintain a full, auditable maintenance history to simplify inspections and demonstrate regulatory compliance.

Reduce unplanned downtime and costly repairs to protect budgets and keep schedules on track.



Procurement

Your supply chain, **under control**

Procurement in maritime operations demands accuracy and cost control. TM Master replaces manual, complex processes with a streamlined, digital workflow that connects every stage from requisition to delivery.

How it works

Procurement is managed in a single system, reducing email trails and paperwork. Compare suppliers in your own currency, with full visibility of lead times, prices and stock levels.

With clear oversight of every order, you can reduce urgent shipments and ensure parts and consumables arrive at the right place at the right time. This ensures every vessel always hits maintenance and voyage schedules.

Fleet-wide visibility allows purchasing to be consolidated, unlocking better supplier terms and lowering OPEX. TM Master turns procurement into a strategic advantage, ensuring your supply chain supports, rather than risks, vessel performance.

Benefits

Streamline procurement from request to delivery to cut delays and reduce administrative workload.

Compare suppliers in your own currency and make informed purchasing decisions.

Track orders and deliveries to prevent shortages and missed deadlines.

Maintain optimal stock levels fleet-wide and avoid overstocking or costly urgent orders.

Leverage bulk purchasing power to negotiate better prices and supplier terms.



Quality & Environment

Evidence compliance, **with confidence**

Safety, environmental compliance, and quality control are non-negotiable in maritime operations. TM Master provides a centralised, secure system for logging, reporting and tracking every incident, inspection and certification across the fleet.

How it works

All relevant regulatory documentation is stored in one accessible location and incidents, near misses and non-conformities can be recorded in detail, with follow-up actions tracked through to completion.

Audit preparation is simplified, with accurate reports ready to share at any time, which reduces the pressure of inspections and ensures your fleet is always operating to the latest safety and environmental standards.

With an integrated approach to compliance, TM Master helps operators reduce risk exposure, protect their reputation and create a culture of quality across the organisation.

Benefits

Log and track incidents and equipment failures in one place to ensure nothing is overlooked or forgotten.

Monitor compliance with current regulations and stay ahead of industry requirements.

Store all documentation securely and centrally to speed up retrieval for audits.

Generate accurate reports instantly for reduced inspection stress and delays.

Build a proactive culture of safety, protect people, assets and reputation.



Crew

Right crew, right place, right time

A vessel's performance and safety depend on having the right crew in place. TM Master enables operators to plan assignments, track qualifications and monitor work/rest compliance for every person on board.

How it works

Crew schedules are planned alongside vessel operations, ensuring the right skills are available for each voyage. Certifications, training records and rest hours are accurately logged, reducing the risk of non-compliance or skill gaps.

With complete crew records stored in one system, inspection readiness is improved and administrative workload reduced. Expiring certificates and potential work and rest hour issues are flagged before they cause problems, and port calls are simplified with documents and records being easily available.

By aligning crew management with maintenance and operational plans, TM Master helps safeguard safety, maintain compliance and keep voyages running smoothly from port to port.

Benefits

Plan crew assignments with operational needs and ensure skills match the task and schedule.

Track certifications and training in real time to avoid costly non-compliance.

Monitor work/rest hour compliance to protect crew welfare and vessel safety.

Centralise crew records with easy access for simpler inspections, audits, and port calls.

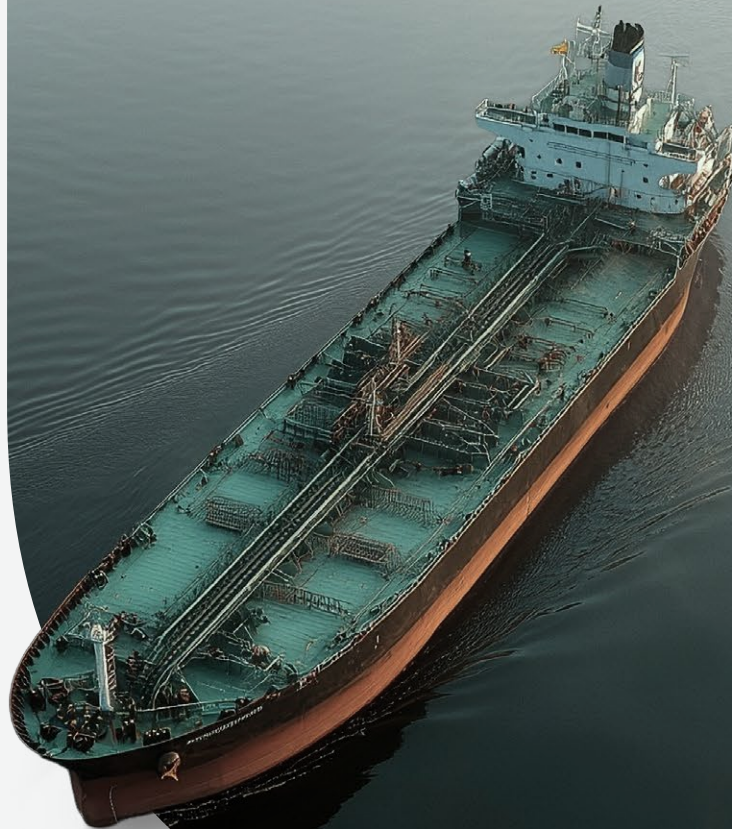
Uncover issues before they cause disruption to keep operations on track and compliant.

From complexity to complete control

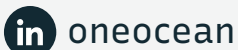
In today's fast-moving, safety-critical environment, technical ship management cannot be left to disconnected systems and outdated processes. TM Master brings everything together in one place so you can see clearly, plan smarter and make more informed decisions.



Find out more about **TM Master**



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