Orion ERP (Complete Maritime Suite)

" A Comprehensive well integrated system that offers customizable modular structure with simple and easy approach. The system is divided into various functional modules, each comprising of specific features & Functions that can be combined to meet your organization specific needs & Requirements. "

Brief Description of each Module

SAFETY MANAGEMENT SYSTEM

Eliminating paper-based documents which impede traceability and tracking. The system stores.

- Company & Shipboard manuals
- Policies
- Company Circulars/Fleet Alerts
- Forms and checklists
- Reference library
- System includes bookmarking, reading history & various intelligent features.

QHSSE

Inspections & Audits

Comprehensive management of all audits and inspections such as SIRE, CDI, Port state control, terminal, Internal Audits, External Audits, etc.

- Organised repository for inspection records.
- Identification of repetitive deficiencies
- Intelligent **analytical dashboards.**
- **Follow up and Closeout** of deficiencies.
- **Root Cause** and Risk Analysis.
- Structured Reports & outputs.

Incident Management

Record and monitor incidents, accidents and analysis based on their category, severity & frequency to assist in developing a corrective action plan with timelines.

- Repository of all **incident reports**, investigations, supporting documents.
- Facilitates compilation of key **learnings** which can be shared across the fleet to improve processes.
- Benchmarking between vessels/ managers.

Master Management Review:

A customized company's form to control, track & record all the necessary details of master review that can be reviewed by the shore office along with remarks.

Safety Committee Meeting:

effortlessly record the minutes of safety meetings on the system's electronic form. The reports are always available and easily retrievable for audit and traceability.

DEFECT REPORTING

Facilitates transparent information exchange with regards to readiness and reliability of the fleet.

Easily measure and follow up on the reported defects until closed.

VESSEL CERTIFICATES

Manage the mandatory and statutory vessel certificates from ship and shore. A smart repository of all the certificates onboard & notifies when they are due for renewal.

- Harmonised surveys.
- Internal & External audits tracking.
- Certificate uploads.
- Other important certificates.
- track and plan the certificate renewals in advance.

RISK ASSESSMENT

Simple approach to quantitative and qualitative risk assessment. A company-wide risk library available to the entire workforce. Risk assessment templates allow standard assessments to be carried out across an organization's operations.

Fleetwide sharing is available at the hands of the QHSSE managers.

- Best practice templates for people, task, environmental and process-based risk assessments.
- Well-definable Hazard and Control measures tree.
- Risk registers to identify the most popular hazards.
- Ability to clone Risk Assessments and notify updates to the Master Risk Assessment.
- Configurable pre and post control Risk ratings.

E- CLOUD (Filing System)

A centralized file management System to keep all Company filing for Monthly, Quarterly, Half yearly, Yearly, etc. forms organized. This Data Repository is updated by the vessel & is available for review and access by the shore office. This grossly reduces the communication on emails and tracing of the ship's reports, maintaining them at location and retrievable anytime from anywhere.

ADMINISTRATION & TRANSMISSION

The system has inbuilt capability of user-based access rights to ensure role or permission-based control towards access, read/write & delete authorization.

Transmissions are handled by our sophisticated algorithm built to ensure sequential and regular updates between servers.

Training Videos to serve as virtual guide to enable navigate & use the system

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CREW MANAGEMENT SYSTEM

Optimize crew selection, retention and build a proactive healthy community of sea staff focused on performance and reliability.

- Crew Registrations & Appraisals
- Analytical Dashboard
- Crew list for to update various status report of the crew
- Sign off/ Sign on with Contract Sign up
- Work Rest Hours.

PLANNED MAINTANANCE SYSTEM

- Master lists of Job types, ranks, SFI or Company Codes, etc.

- Create Vessel specific hierarchy structure – use sister ships or import or fill

- Add Job codes against the Items as per their frequency,

THIRD PARTY SERVICES (Open to Integration)

- Dry Docking module & Repair Yard

- Class Quarterly Report

- Vessel Drawing & manuals

- Matrix Compliance (Q88)

responsibility, and other parameters.

- Associate SMS Procedures, Checklists for the jobs, Mark for Risk assessments etc.

- Interlinking to Inventory Management System

INVENTORY PURCHASE & PROCUREMENT

manage full visibility and Control cost with Tightly integrated inventory to requisition/ purchase System, below are few features highlighted:

- Inventory & Material Management
- Enterprise Purchase Order Management
- Requisition Approval & Approval Workflow
- Intuitive Vendor Portal
- Advanced Budgeting Engine
- Records & Logs Maintained
- Approval Process for Pay-outs

FLEET PERFORMANCE & MONITORING

This module aims to save resources by utilising information technology, reliable on-board data collection, powerful analytical tools, the key features include:

- Overview of the entire fleet managed by various fleet-groups, benchmarking between the managers and owners.
- Optimising speed and bunker consumptions along with Voyage Optimisation.
- Reduced Emissions.
- Complete Operational Overview.
- Reliable and Clear Reporting
- Traceability and Transparency.
- Benchmarking.
- Underperformance Alerts.
- Engine Performance Reports.
- Vessel pre-arrival and ports operation planning.
- Emission Reports.
- Waste Management.

NOTIFICATION PANEL/MESSAGE BOARD

The message board provides complete preview of the entire system, it is a task master and an upgraded notification dashboard that provides you with all the necessary details and activities surrounding the ERP.

Below are the features of the message board for reference;

- Display all the items and activities that might need the user's attention.
- Assign and delegate Task with the help of task master.
- Alerts: Displays Expired Certificates and notifies about past due, planned, and unplanned maintenance.
- Highlights/ display the latest update from the ERP.