AST- Planned Maintenance System

Designed by Marine Engineers for Marine Engineers

The AST-Planned Maintenance System is a powerful organisational software tool that enables vessels to reduce their operational expenses.

The maritime heritage is apparent as the application was originally designed specifically for the Gardline fleet of vessels by a frustrated Chief Engineer over a decade ago, and substantially enhanced ever since. Today, it is in use throughout the Gardline fleet and now commercially released for the first time through AST.

The AST-Planned Maintenance System is a sophisticated, but easy to use, modular application designed for Marine Engineers and Operations Managers to cost effectively manage their vessel(s) maintenance tasks.

The software enables users to plan, monitor, record and implement complex maintenance tasks, including compliance reporting and innovative predictive maintenance monitoring.

The AST-Planned Maintenance System contributes towards improved maintainance on the vessel(s) increasing efficiencies by avoiding downtime and preventing part(s) malfunction.

From medical supplies to the main engine, every piece of equipment on board can be listed together with any associated work procedures.

Already used on a number of vessels around the world, including tankers and crew transfer vessels, the software allows both the ship's crew and the office based team(s) to manage daily checks, stock levels and routine procedures for the whole vessel.

Key Benefits:

- Planned, scheduled, predictive and condition based maintenance
- Analysis of maintenance history and reporting
- Cross fleet job standardisation
- Cross fleet KPI's
- Defect reporting and management
- Stock / spare part management
- Records when work is complete
- All ships equipment listed with associated work procedures
- Class surveys and certificate management
- Plan vessel dry dock visits/refits
- View on vessel, and from shore
- Saves time and money
- Compatible with iRAMS for vessel data collection automation
- Compatible for DNV approval certification

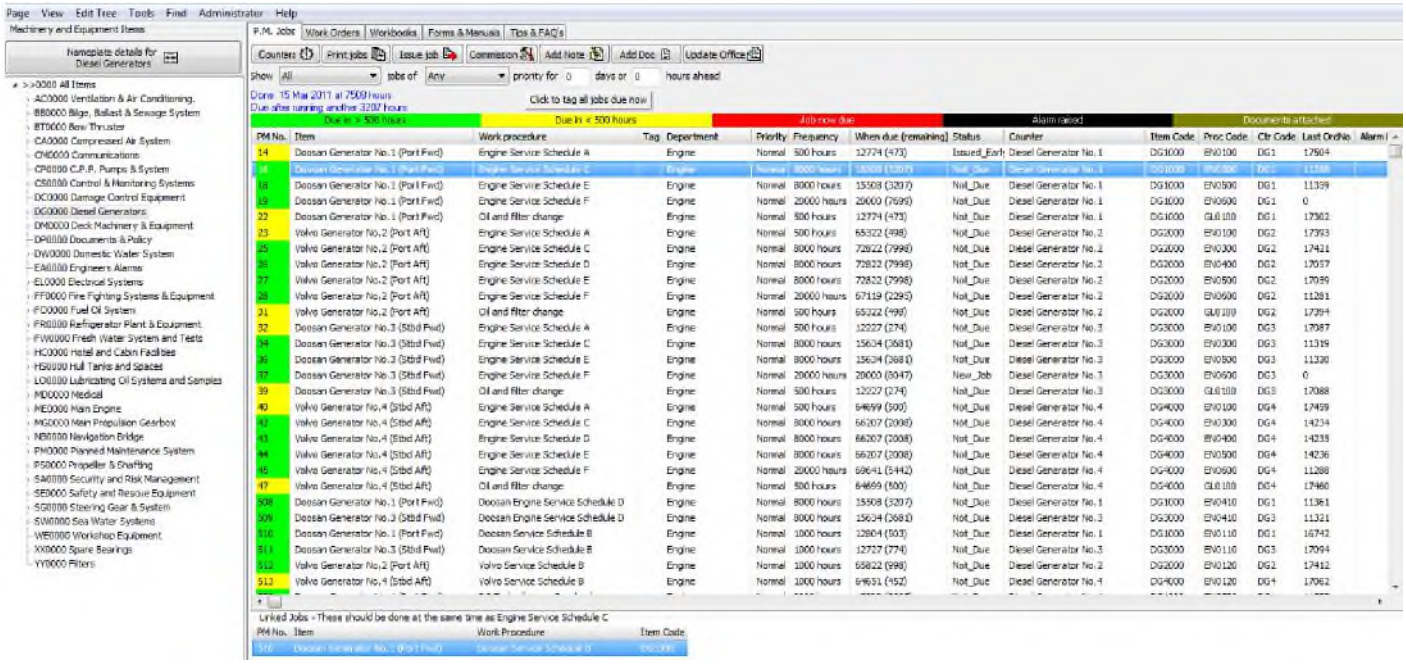
The software has modular architecture and as such can be introduced in ‘simple to implement’ modules, with optional added value functionality to meet the needs of individual vessels.

The AST-Planned Maintenance System home page uses a simple traffic light system to highlight any equipment that requires attention, and indicates dates when tasks are due.

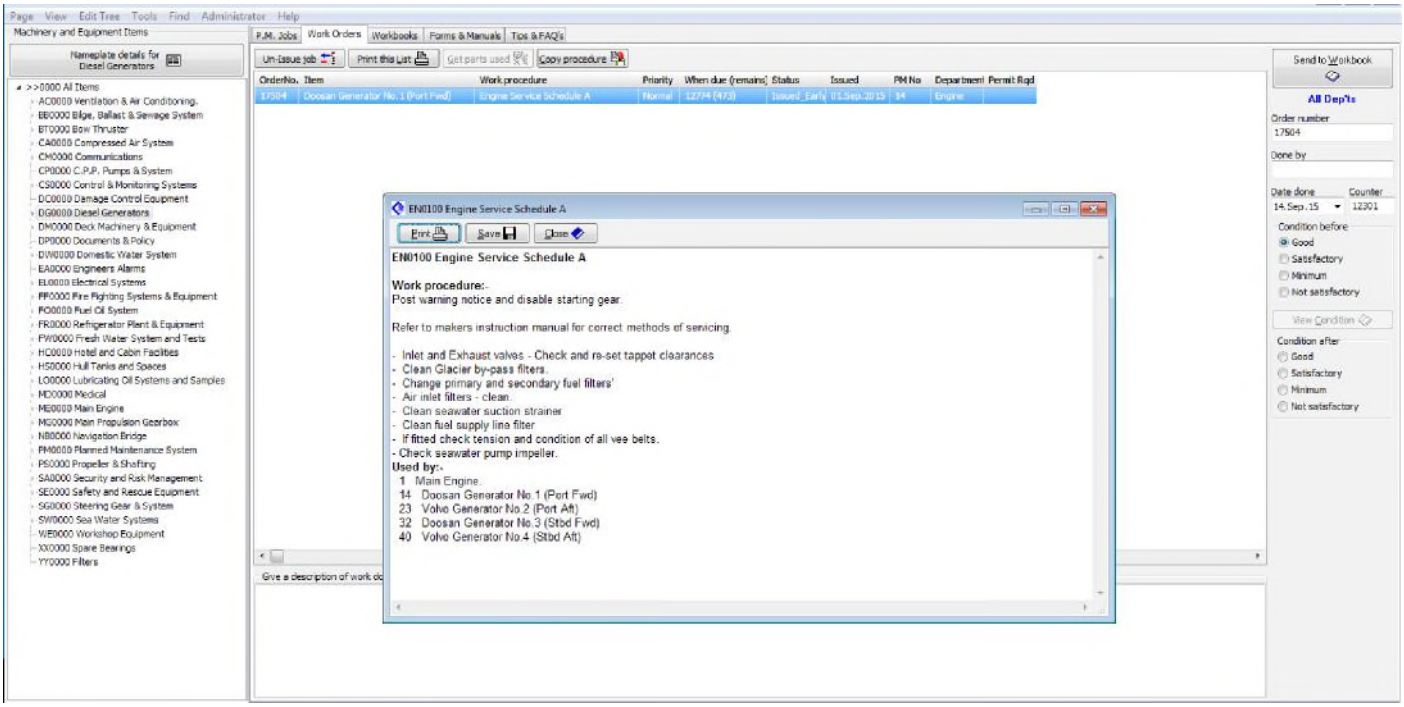
Crew on board the vessel can use the system to record when tasks have been completed, attach comprehensive history, pictures, notes, request new parts, or maintain stock (if required).

Any update made on the ship’s system is automatically made available to view in the shore based office application, ready for the Operations Manager to review and monitor.

Traffic light system enables easy identification of items requiring attention:



Work procedures can be viewed on board prior to any work being undertaken:



For impartial expert advice on which solution best suits your needs please contact our sales team

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