



## Star Maintenance: Stay afloat

**A planned maintenance system contains vital information for a vessel's working crew and management. Star Maintenance allows for efficient storage and use of this information, and also helps companies maintain quality data across their fleet.**

Star Maintenance is designed to assist onboard personnel in planning ship maintenance, report work done, keep stock and handle supplies. The system integrates with other Star modules to ensure safe and efficient vessel operation.

### **Work planning**

Star Maintenance facilitates detailed work instructions ensuring maintenance work is carried out in accordance with company and industry regulations. Maintenance jobs are displayed in a maintenance board for the vessel, making it easy to attain the full overview of upcoming, due and overdue jobs.

### **Stock and supplies**

Star Maintenance enables vessel crew to control stock and plan replenishment. Material requisitions are created and issued directly to a vendor or to the purchasing department. When materials are received onboard, receipt and deviations are registered into the system for follow-up.

### **Built in compliance**

Star Maintenance is guaranteed to be in compliance with all maritime and standards organizations. The system is type approved by DNV and approved by most class societies; ensuring all work is in compliance with internal and external regulations. For example, Star Maintenance records change logs for all job changes, NOx certificate numbers are controlled, and filters can be used to specifically track critical equipment.

### **User friendly**

Star Maintenance's graphical user interface facilitates easy learning, understanding and usage. Wizards and terminology used in the system can be configured to match company and industry standards.

### **Use Star Maintenance to:**

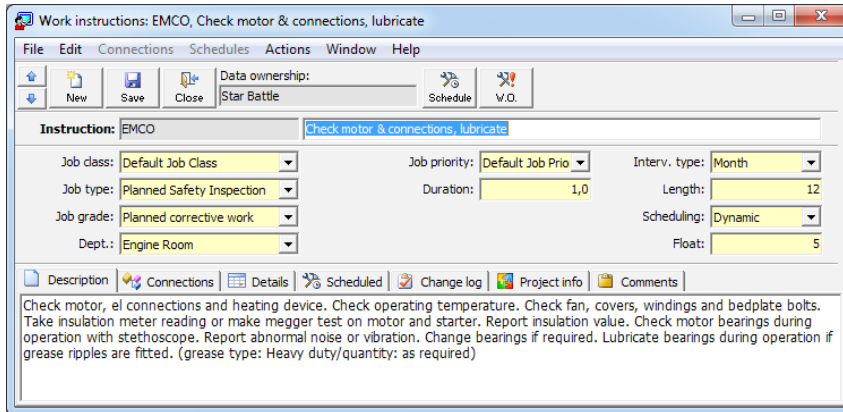
- Implement company standard for maintenance
- Plan preventive maintenance work
- Generate common work instructions
- Schedule maintenance jobs
- Generate work orders
- Report work done
- Report corrective work done
- Keep stock and handle supplies
- Issue material requisitions and purchase orders
- Handle receipt and report deviations
- Control plant inventory
- Replicate data between vessel and office



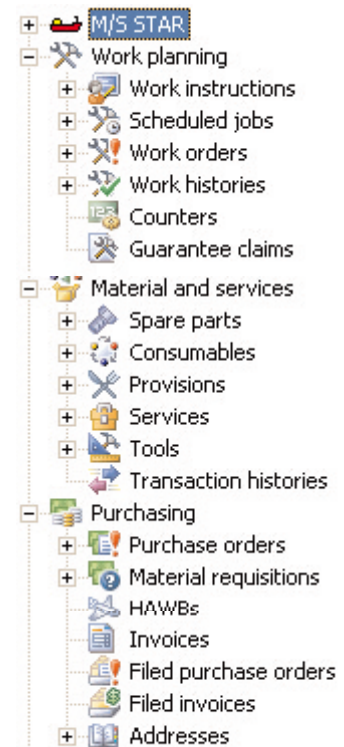
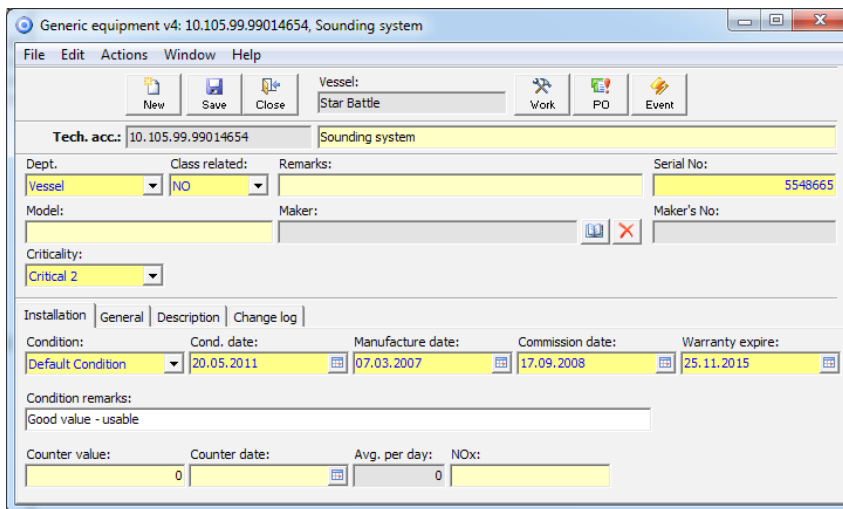
## Replication

Star Maintenance can be used as a stand-alone solution or in interaction with an office based hub for fleet management. Data from the vessel is replicated to the hub using SIS' highly reliable replication engine. When used in the office, Star Maintenance provides a full overview of the fleet maintenance, including detailed information for each vessel. Maintenance routines, instructions and equipment details can be updated and distributed to multiple vessels, and internal messaging and notifications facilitate for knowledge sharing.

Illustrated below: Star Maintenance allows for detailed work descriptions to ensure maintenance work is carried out in compliance with industry regulations.



Illustrated below: Technical accounts requiring NOx number comes with a NOx control field .



## Integration with other systems

Star Maintenance can be used as a stand-alone solution or may form part of the integrated Star Information and Planning System (please refer to the Star IPS brochure for more information). Star Maintenance integrates with the Star Fleet Supply Management (Star FSM) system for centralized purchasing.

## Technical Data

Star Maintenance can be run on Windows XP/Vista/7 workstations. The program uses SQL databases such as Oracle and MS SQL Server.

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