

# Free Fleet Management Software



# ABS MARINE NEWBUILD PROGRAM

ABS-classed vessels built after 1 July 2012 are eligible to receive free hull inspection, maintenance management and environmental management software. The Newbuild Program includes:

- **Hull Inspection** tool that provides an electronic model of the vessel with vessel-specific compartment data and critical areas identified
- **Maintenance Management** tool loaded with the ABS equipment hierarchy and standard jobs
- **Energy & Environmental** tool to aid in the collection, analysis and reporting of key environmental data

In addition to pre-populating these programs with the technical data specific to the newly built vessel, ABS also offers, free of charge:

- Up to seven days\* of consulting services to cover office and vessel implementation
- One additional consulting day for each additional vessel enrolled in the ABS Newbuild Program

\*Operators enrolling in the program as new Nautical Systems clients may receive up to seven days – five in the office and two on the vessel. Existing Nautical Systems clients joining the program may receive up to five days of consulting – four in the office and one on the vessel.

## Enrollment Details

**Upon acceptance:** The package requires the signing of a proposal and license agreement to validate the acceptance of the offer. Consulting and software costs for the installed programs and the first-year annual fees (18.5 percent of the software value) will be waived.

**After 12 months:** Owners wishing to continue use of the software programs will be required to pay an annual maintenance/licensing fee and any applicable future consulting service fees.

## Realize the Benefits:

- Early warnings of hull structure deterioration with tank condition comparisons
- Identification of ship and fleet maintenance trends
- Forecast of maintenance and resource requirements
- Improved vessel and fleetwide performance
- Enhanced regulatory reporting with automated data capture

## HULL INSPECTION

The Hull Inspection module helps track the condition of a vessel's structure throughout its service life. Designed for owners and operators, the program provides a vessel-specific hull maintenance manual that outlines the compartments and spaces to inspect, critical areas to examine and identifies intervals for inspection.

- Alert staff to potential problem areas for inspection
- Improve deficiency reporting, visibility and repair planning
- Maintain a history of inspections for compartments
- Apply a simple grading system to vessel zones
- Follow a standard approach with guidelines for inspections
- Use a built-in dashboard for high-level reporting and analysis
- Upload and link photos and other file attachments for inspections
- Track coatings, general corrosion, pitting, grooving, deformation, fractures and general cleanliness

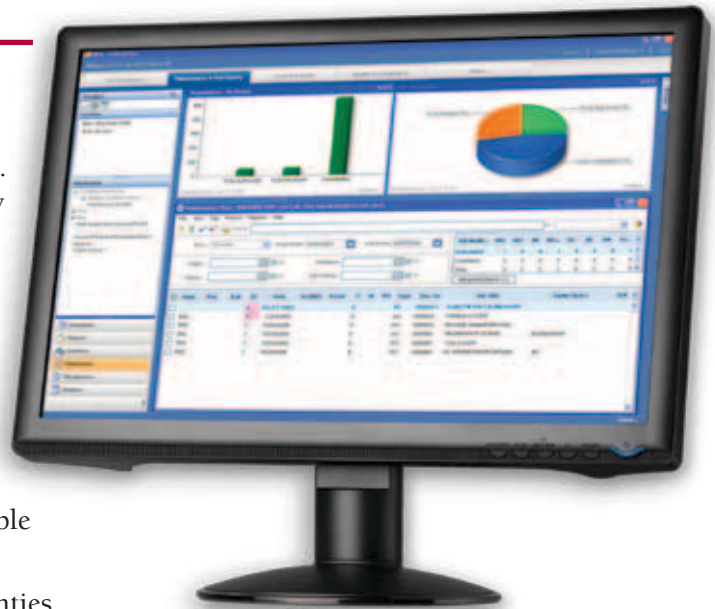




## MAINTENANCE MANAGEMENT

The Maintenance Manager module records, schedules and manages the data pertaining to maintenance work performed on a vessel by the crew or outside contractors. The system also provides a complete, planned machinery and vessel compartment maintenance history.

- Build a vessel hierarchy for systems, equipment and parts
- Establish a vessel maintenance program for running hours and record a maintenance history
- Document nameplate data and equipment details
- Monitor survey and certificate progress with an available link to ABS Eagle Survey Manager



- Keep a record of warranties
- Link attachments and files to parts, equipments, systems or jobs
- Review work orders completed by the crew
- Create service requisitions and vendor purchase orders
- Track failures and collect reliability-centered maintenance (RCM) data
- Create user-defined project and cost reporting
- Report financial standings including equipment and ship cost details and spares usage over time



## ENVIRONMENTAL MANAGEMENT

The Energy & Environmental Manager module is a complete solution that provides a platform for effective, efficient and environmentally sound voyage management. The software provides easy-to-use data entry forms that can be populated manually or automatically. The automated feature, powered by

ERSG's OstiaEdge® software gives users access to integrated, real-time analytics of shipboard equipment and automates environmental reporting, leading to fewer noncompliance events.

Business intelligence features allow operators to click to the data at a component level. Customizable dashboards provide all personnel access to the same information for trending and analysis, leading to enhanced vessel and fleet performance.

- Facilitated and centralized collection of data
- Leverage onboard automation/network systems allowing automated data capture
- Track, trend and report information necessary to satisfy environmental regulations
- Monitor emissions with built-in CO<sub>2</sub> and SO<sub>x</sub> calculators
- Compile and record ballast water and fuel switching activities electronically





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