

## HULL MANAGER

The ABS Nautical Systems® (NS) Hull Manager system module delivers a comprehensive predictive and preventative structural life cycle tool for inspection management, anomaly and gauging tracking and structural condition trending.

### ENABLING COMPREHENSIVE ASSET MANAGEMENT

Leveraging a ship-specific model, NS Hull Manager delivers the industry's most comprehensive predictive and preventative asset life cycle management tool. A proactive hull maintenance program reduces unexpected costs during repair campaigns and at drydock.

NS Hull Manager delivers an optimized process to manage the repair of structural anomalies, as well as the monitoring of critical areas providing the same visibility of a vessel's structural condition previously only available for machinery.

### NS HULL MANAGER CAPABILITIES

#### One-Click Access to Structural Health

- One-click access to structural health reveals inspection plans and history, current condition, anomalies and gaugings to support a structural maintenance regime
- Intuitive dashboards provide simple and efficient access to the structural condition of each compartment on the vessel through easy-to-understand graphical representations
- Stores and retains critical vessel-specific documents and drawings



## ABOUT ABS NAUTICAL SYSTEMS

Today, owners and operators in the marine and offshore industries are facing more challenges than ever – a changing workforce, a constantly evolving regulatory environment and an uncertain economic outlook. Achieving operational efficiency while maintaining compliance is critical to success.

At ABS Nautical Systems, maritime and offshore are our focus. Our software design, implementation approach, industry expertise and ongoing support reflect a deep history in the maritime sector. We offer a unique understanding of the challenges in the marine business supported by the depth and breadth of experience of ABS. ABS Nautical Systems offers powerful solutions for a complex world, with asset management and compliance software that solve real problems for real mariners.

## Electronic Survey Planning Documents (eSPD)

- Real-time survey data collaboration onshore and offshore
- Provides data insights into critical areas, findings, maintenance, and repairs to link survey planning, recording and reporting
- Smarter survey execution can minimize nonproductive time (NPT)

## Inspection Planning

- The inspection scheduler gives both office and crew full visibility of all hull inspections
- Full history of anomalies and observations available

## Anomaly Reporting

- Records anomalies based on client-configured thresholds for condition
- Automatically generates anomaly list and provides further documentation by attaching relevant pictures, reference drawings and previous inspection reports
- Supports risk-based inspection

## Gauging Assessment

- Class gauging template utilized to import gauging events
- Easy evaluation of non-conformances
- Gauging results used to determine overall and localized corrosion rates for future trending prediction

## Class Integration (Phase II)

- Optional sharing of data before and after survey attendance
- Supports ABS FutureClass™ program objectives








## NS Software Integration

- Integrates with NS Maintenance Manager and NS Drydock Manager system modules to incorporate anomalies directly to maintenance and drydock planning

## Compliance

- Supports for compliance with class surveys, TMSA and ISM

## THE NS DIFFERENCE

	<b>Role-Based Controls</b> Role-based controls enforce process and approvals.
	<b>Work Offline</b> Offline capability allows work to be done anytime with automatic syncing to the office when connectivity is available.
	<b>Ship and Shore Collaboration</b> Replication to enable real-time visibility to every vessel, as well as the entire fleet.
	<b>KPIs</b> KPIs enable one-click quick access to critical tasks and management actions.
	<b>Custom Forms and Questionnaires</b> Flexible questionnaires and custom forms capture customized data sets for trending and analysis.
	<b>NS Cloud</b> An easy and cost-effective option for implementation, deployment and management of the Nautical Systems software.
	<b>NS Autologger</b> Improve accuracy with <ul style="list-style-type: none"><li>• Real-time data capture directly from ship automation systems and sensors</li><li>• Secure marine-grade appliances</li><li>• Improved accuracy of logged data</li><li>• Automated import of data to NS systems</li></ul>

**POWERFUL | SIMPLE | RELIABLE**



### WORLD HEADQUARTERS

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