



# **ABS Group**

## **ASSET INTEGRITY MANAGEMENT**

Offshore drilling and production assets must be carefully managed to allow them to perform their required functions reliably, efficiently and profitably while ensuring they remain safe, responsible and compliant over their complete lifecycle.

**ABS Group** offers owners and operators a comprehensive suite of Asset Integrity Management (AIM) tools and services that allow these critically important objectives to be achieved.



# SCOPE

Using a holistic approach, our AIM solutions address:

- **Personnel:** Competency and training programs
- **Processes:** Inventory management, maintenance & reliability, planning & scheduling
- **Programs:** Structural, machinery & mechanical and software & control system integrity
- **Technology:** Technology readiness, cybersecurity preparedness
- **Governance:** Metrics & performance, organizational readiness

# VALUE PROPOSITION

Our asset integrity services provide value through:

- Delivering improved operating efficiency and reducing operating costs
- Incorporating less intrusive, more efficient condition-based/predictive approaches rather than time based preventative maintenance & inspection
- Leveraging planning, scheduling and supply chain efficiencies
- Providing owners and operators with the true condition of their asset, allowing sound management decisions to be made
- Aligning with the ABS classification requirements, allowing application of non-traditional survey and inspection approaches.

# CLIENT CASE STUDIES

## Client Issue:

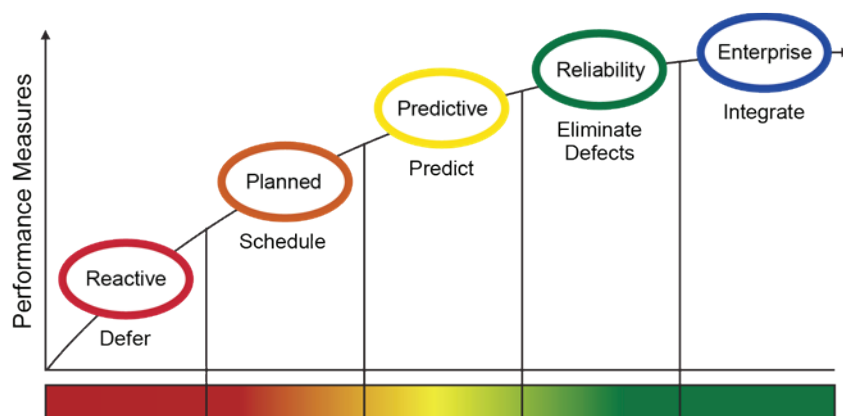
An offshore drilling company was looking for an in-depth assessment and benchmark of their current asset management performance.

## ABS Group Solution:

ABS Group conducted an Asset Integrity Management seminar which identified the industry best practices for an AIM program, then conducted an assessment of selected assets against the company's existing integrity management program and presented the client with a GAP analysis assessment report. This report identified short term, near term and long term improvements to the procedures and tools that supported the Enterprise Asset Management program.

## Value Delivered:

The company identified a number of short term improvements which resulted in increased operating efficiency and has a detailed implementation plan in place to begin the process of moving up on the maturity continuum.



## Client Issue:

An offshore operating company needed to reduce work order backlog while preparing their CMMS data and functionality for a system upgrade in the future.

## ABS Group Solution:

ABS Group conducted a review of maintenance routines, scheduling, planned labor/material and maintenance effectiveness for all critical systems and suggested improvements to the current systems. Assistance was also provided through a cleanup of all CMMS data, coordinating work packs for critical systems that included preventative maintenance and corrective/modification work, and daily management of team schedule and reporting of progress against plan and backlog reduction. Following this, ABS Group helped the client develop a new corporate maintenance strategy and new process flow for all maintenance activities.

## Value Delivered:

To date, the client has seen a 40% reduction of backlog hours through the implementation of a streamlined maintenance and scheduling plan and has made reviews/ improvements on over 20% of their critical system maintenance plans.

# SERVICES

Our industry leading tools for assessing, managing and tracking the condition of assets include:

**Through standalone or integrated packages, we provide:**

- Assessment of the current asset integrity framework
- Benchmarking of the integrity maturity relative to industry peers
- Identification of areas for improvement
- Development of improvement programs
- Technical support during implementation
- Advanced engineering support
- Innovative approach to addressing safety, risk management and regulatory compliance



# TOOLS



## AIM Assessment

Asset Integrity Assessment  
& Benchmarking Tool



## NS5 Enterprise Suite\*

Maintenance Manager  
Hull Manager & Hull  
Manager 3D



## Load Management Program\*\*

Stability, Monitoring &  
Weight Management Tool



## HECSALV\*\*

Salvage & Emergency  
Response Tool



## ABS Leader

Hazard Risk  
Analysis Tool

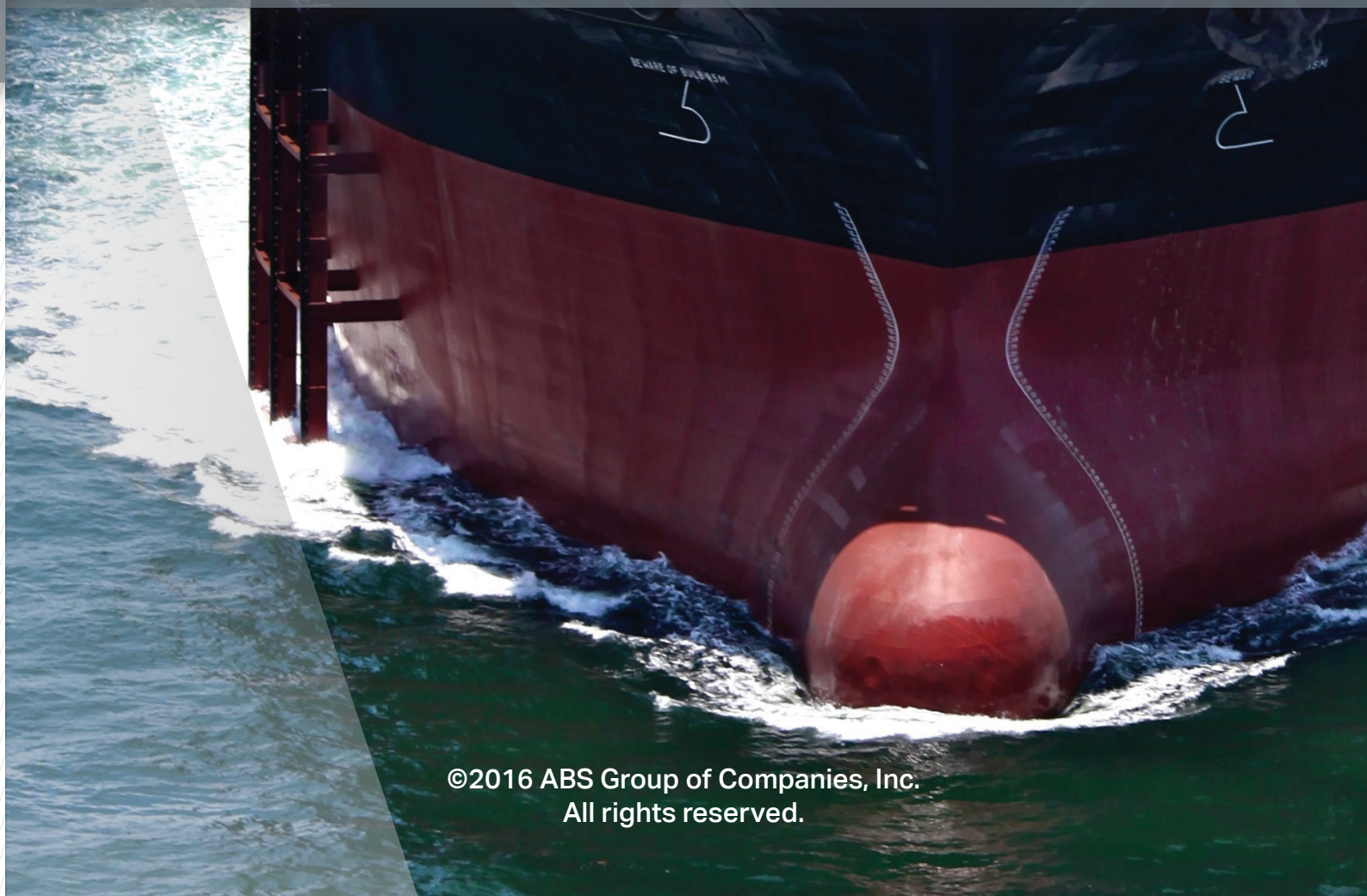




## CONTACT

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