



## MARITIME

# MAINTENANCE MANAGEMENT OPTIMISATION

With rich experience in all aspects of maintenance management enabling us to have a holistic view and benchmark for shipping companies current maintenance operation, we at DNV GL assists shipping companies in various segments in developing and optimising their maintenance management system and performance.

### Common maintenance management challenges:

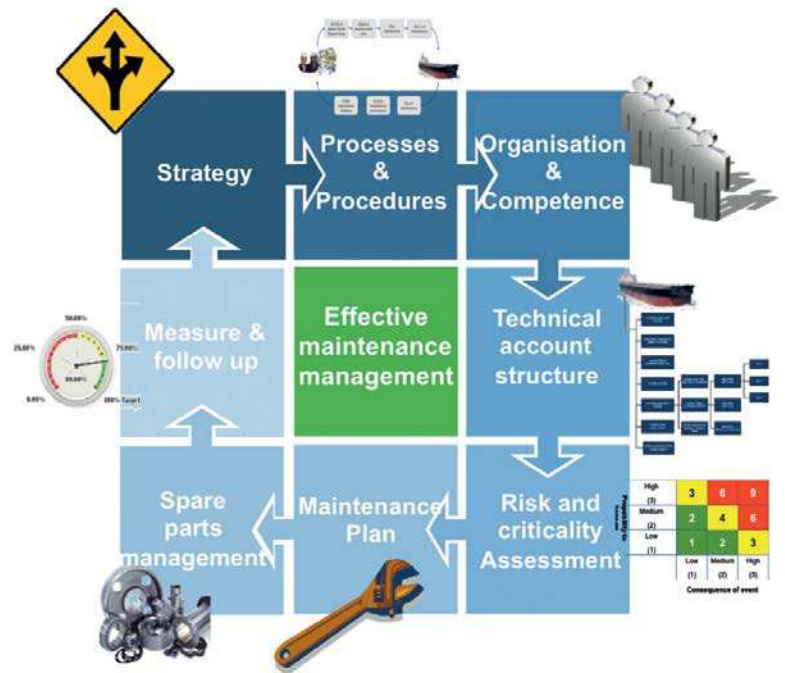
- Duplication or underorder of spare parts
- Overrun of maintenance expenditure
- Low vessel service availability of ship due to breakdown of systems
- Incomplete or lack of maintenance processes and procedures
- Maintenance plan not updated and not in compliance with statutory rules and regulations
- Overdue/deferred/corrective maintenance jobs not tracked/monitored/followed up

### Typical problem-solving approach:

- Establishment of a strategy with clear goals and ambitions
- Set-up of maintenance manual processes and procedures in a hierarchical order
- Organisation and competence development
- Establishment of a standardised technical account structure
- Risk and criticality-based spare parts management, maintenance framework or maintenance plan
- Risk and criticality-based benchmarking and gap analysis of maintenance management

We can assist you in looking into one or a combination of the following configuration aspects:

- Strategy
- Processes and procedures
- Organisation and competence
- Technical account structure
- Risk assessment
- Maintenance plan
- Spare parts management
- Measurement and follow-up



**Benefits from the optimisation:**

- Improved operation readiness and service availability
- Reduced maintenance expenditure by tuning of job intervals and reducing/bundling of jobs
- Safer working environment for maintenance through job risk and criticality analysis
- Maximised effective maintenance budget utilisation
- Smoother maintenance process
- Optimised maintenance system with recognised technical structure compliance