

Reliability and Maintenance planning

Course aim and objectives:

This course provides participants with the required knowledge for planning ahead, developing and documenting a reliable maintenance program for critical and non-critical equipment based on proactive maintenance management to avoid unnecessary delays, additional costs involved and minimizing the possibility of safety and environmental impact. This program should also include an inventory of spare parts for fleet vessels and a defect reporting system for equipment failures integrating risk assessment and mitigating controls including tracing up to the completion and fixing of the equipment within a specific time-frame. The maintenance and defect reporting plan can be integrated with other systems to facilitate dry-docking or repair specification and outstanding maintenance items.

Course main elements:

- Planning and developing a reliable maintenance program
- Identifying critical systems and equipment
- Equipment failure impact to critical systems
- Risk assessment mitigating controls for preventing equipment failure and system performance
- Record keeping and documentation requirements
- Information and resources required
- Practical examples and exercises

Course participation:

The course is open to shipping company technical managers, technical superintendents, technical and dry-docking coordinators, chief engineers and engineer officers

Course duration: 2 days

This training program is currently provided in 12-hours with real time instruction through a dedicated e-platform in 3 four-hour pre-scheduled interactive web-based learning sessions.