

# Maritime Risk Assessment

## Incident Investigation and Root Cause Analysis

### Course aim and objectives:

This course provides participants with the required knowledge for effective management of marine related risks affecting operational safety of vessels as a tool for identifying the necessary steps and controls to eliminate root cause(s) and other factors contributing to marine incidents. Proactive risk assessment process is an essential element for mitigating losses by preventing the occurrence of near misses and incidents and enhancing continual improvement of the safety management system. Course participants will also have the opportunity to go through various methodologies for tracing the causes during an incident investigation process.

### Course main elements:

- Scope and principles of the risk assessment process
- Methodologies for proactive management of risks to mitigate losses
- Step by step analysis and practice of the incident investigation process
- Factors including hazardous occurrences/near misses contributing to incidents
- Root cause analysis and action(s) to eliminate causes
- Lessons learnt, proactive and reactive risk assessment
- Practical exercises and final examination

### Course participation:

The course is open to shipping company corporate operations, technical, quality, safety, environmental managers, superintendents, Masters and shipboard team members involved in the management and implementation of risk assessment as a tool for incident prevention and continual improvement

### 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.