

Risk Assessment



Navigating the complexities of maritime operations demands precision, foresight, and robust safety measures. MAMS is designed to be your trusted ally in ensuring the highest standards of safety and compliance on board.

Our risk assessment application empowers you to systematically identify, evaluate, and mitigate potential hazards, ensuring the well-being of your crew and the integrity of your vessel.

The Risk Assessment features include:

- Comprehensive Hazard Identification
- Advanced Risk Evaluation
- Effective Mitigation Strategies
- Continuous Monitoring and Review
- User-Friendly Interface

Why Choose MAMS

The flexible design enables bespoke customisation and easy integration with third party software, ensuring the software evolves with your business needs. We offer:

- User friendly interface, easy to learn
- Competitive subscription pricing
- Flexible contract terms – including vessel changes
- Low-cost data entry and database building services
- Dedicated deployment team
- 24/7 global support
- Onsite and online training
- Help videos and easy to understand user guides in any language
- Customisation available for all modules
- Latest release: Q2 2026

SDSD fleet management software is used by ship managers and owners globally, across all fleet types including tanker, bulk carrier and offshore. Find out more about how SDSD software can improve vessel risk assessment.

Our Services

Fleet Management Software

- Planned Maintenance
- Procurement Management
- Safety Management
- Crew Management
- Rest Hour
- Document & Forms
- Risk Assessment
- Voyage Monitoring
- Environment Management
- Dry Dock

Shipbroker Software

- Charter Party Editor
- Matrix Group Email
- Laytime Calculator

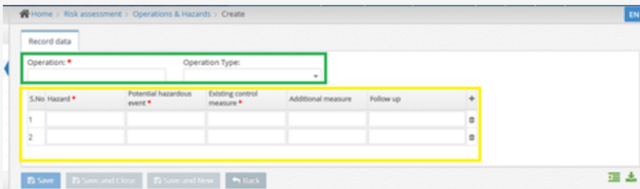
Consultancy Services

- Vessel Database Solutions
- Fuel & Machinery Optimisation (Vessel Telematics)
- Tanker Management Self-Assessment
- Data Analysis Reports & Dashboards
- Customised Development
- Legacy Software Modernisation
- Bespoke Mobile Apps
- Outsourced Development Resources
- API Integration Services

HIGHLIGHTS

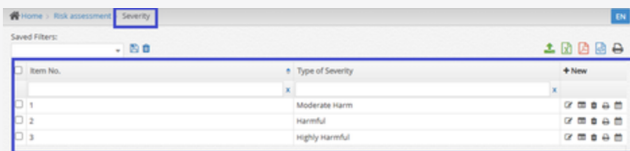
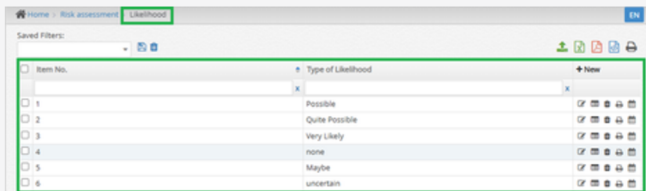
Identification of Hazards

- Recognize potential hazards such as physical, chemical, environmental, and human factors.



Risk Assessment

- Evaluate the likelihood and severity of each identified hazard.



Control Measures

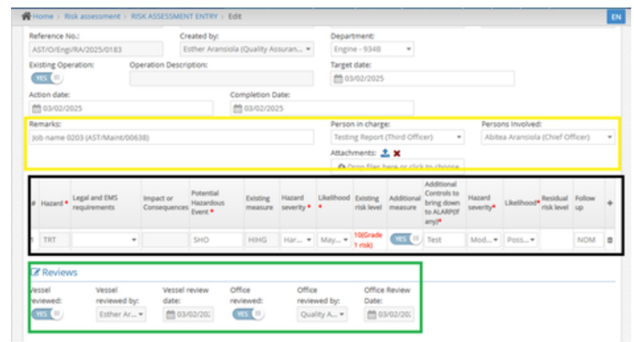
- Implement measures to mitigate risks, including elimination, substitution, engineering controls, administrative controls, and personal protective equipment (PPE).

Implementation of Controls

- Implement control measures through updated procedures, training, and regular maintenance.

Monitoring and Reviewing

- Monitor the effectiveness of implemented measures and update risk assessments regularly.



Find out more about how SDSD software can improve your vessel risk assessment.