

# OPERATIONAL RISK ASSESSMENT & MITIGATING CONTROLS

**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 proactive tool for identifying the necessary controls to eliminate root cause(s) and other factors contributing to marine incidents. Proactive risk assessment process is an essential element for mitigating potential losses by preventing the occurrence of incidents, improving human factor performance, and promoting continual improvement of the safety management system. Risk Assessment methodologies including Bow Tie scenarios are thoroughly explained and practiced for implementation of mitigating controls for each ship operation.

**Course main elements:**

- Scope and principles of the risk assessment process
- Methodologies for proactive management of risks to mitigate losses
- Analysis and practice of the bow tie methodology by ship operation
- Causal factors & Root cause controls to eliminate causes
- Human Factor mitigating controls
- Practical workshops and exercises

**Course participation:** The course is open to shipping company corporate operations, technical, quality, safety managers, superintendents, masters, and senior ship members involved in managing and implementing risk assessment

**Course duration: 2 days** This training is provided in 12-hours with real time instruction through interactive virtual classroom learning sessions. Upon registration a link shall be provided to participants for accessing the course.

**Course schedule:** 10:00 - 17:00 hours daily (including 30 minutes additional time daily for Q & A and completion of classwork)

**Registration:** Please complete the course registration form or contact Mrs. Angie Panagiotarakou email: [training@dynamarine.com](mailto:training@dynamarine.com) Tel: (+30) 210 894 1667

**Fees:** Euros 350 per day per participant. Discount of 10% is offered to individual participants registering to this course. Group discounts of 15% are also arranged for companies registering 3+ participants

**Instructor:** Capt. Titos Giannakakis - Senior Maritime Trainer & Marine Consultant - DYNAMARINE Academy