

Maritime Risk Assessment Implementation

C913 Classroom

DAY 1: 8:00 AM TO 4:00 PM

- Overview of Maritime Drivers for Risk Management and Example Applications
- Contributors to a Loss Scenario and How These Contributors are Controlled
- High-level Models that Describe Causal Analysis
- Understanding Risk, Risk Components, Risk Characterizations
- Overview of Quantitative Methods: Point Estimation and Risk Categorization
- Overview of Qualitative Methods: Prioritization and Ranking
- Calculating Change in Risk
- Building Meaningful Consequence Tables and Frequency Scales
- Understanding Frequency and Probability
- Risk Matrix, Risk Equivalence and Risk Acceptance
- Building Meaningful Risk Matrices

DAY 2: 8:00 AM TO 4:00 PM

- Overview of Risk Management Processes and Options for Managing Risks
- Discussion of the Hierarchy of Hazard Controls
- Guidance for Selecting Appropriate Analytical Tools
- Guidance for Preparing and Conducting a Risk Assessment Meeting
- Procedures for a Comprehensive Job Safety Analysis
- Procedures for a HAZID Using a What-If Method
- Procedures for a HAZID Using a Scenario-based Approach
- Overview of ABS / ABS Consulting Risk Assessment Software