Incident Investigation & Root Cause Analysis Implementation

Participants
Staff from Operations & Marine Services division

Training Service Provider
American Bureau of Singapore Academy

Overview
This course provides participants with an understanding of the ABS methodology for investigating marine incidents and analyzing management system gaps to solve problems and optimize performance in compliance with Part A and 1.2.2.2 of the ISM Code. The application of widely used investigative tools can make the analysis more effective and efficient. This course helps develop skills for structuring an investigation program for a maritime company.

What Will Be Covered
- Basics of marine incidents and investigations
- Workshop: causal factors, intermediate causes and root causes
- Initiating the investigation
- Gathering people, physical, paper, electronic and position data
- Workshop: post-incident interviewing skills
- Analyzing data
- Workshop: 5-whys and fault trees
- Workshop: causal factor charting
- Determining root causes
- Workshop: identifying root causes using the marine root cause analysis map technique
- Developing conclusions and recommendations
- Preparing and writing the report
- Developing, implementing and improving a maritime incident investigation program