

# TWO DAYS RISK ASSESSMENT & ACCIDENT/INCIDENT INVESTIGATION AND ROOT CAUSE ANALYSIS

**COURSE OBJECTIVES** To enable the participants to understand, interpret the Risk in Maritime Industry / shipping and its management as a Proactive measure to mitigate the Risk. Furthermore in case an Incident occurs , to effectively carry out an investigation and take an effective corrective action to prevent its Re-occurrence

**ABOUT THE COURSE** This Course on Risk Assessment and Incident Investigation is to get a good working knowledge of the Risk in the Maritime Industry and to take appropriate measures for the hazards identified and further more in case of an incident occurring , how to get to the Root cause of the incident and to develop appropriate recommendations to avoid future incidents to Reoccur. Collection & Analysis of Data including effective interviewing skills, filling data gaps by using fault tree logic and how to address root causes at various levels.

**PARTICIPANTS** The entry standards are one having knowledge in the maritime operations and /or a mariner to develop skills in effectively carrying out Maritime Risk Assessment as a proactive manner and

**DURATION** Two days

## KEY TOPICS

- ☛ WORKSHOP ON Risk Assessment and its management
- ☛ Accident as seen by public and media
- ☛ Ships safety issues at IMO
- ☛ History and investigation of an accident
- ☛ IMO / ILO conventions / SOLAS and MARPOL
- ☛ Investigation techniques
- ☛ Interviewing personnel and collecting evidence deducing from the interview
- ☛ Casualty and incident analysis
- ☛ Principals of accident analysis
- ☛ Root cause analysis and lessons to learn
- ☛ Reporting to the office and in the safety committee meeting