

# Incident Investigation & Analysis and Risk Management

## | Incident Investigation course

Incident investigation and analysis is performed in various fields, including transportation, manufacturing, medicine and more. Some is performed by individual companies while others are performed on a large scale with international cooperation and according to international rules.

The International Safety Management Code (ISM Code) and the Tanker Management and Self Assessment (TMSA) guidelines prepared by the Oil Companies International Marine Forum (OCIMF) require investigation and analysis of incidents as one element of ship safety management. This course describes the procedure and means to investigate and analyze incidents and near-misses related to ship owner or management company operations with these requirements in mind.

### Featured Contents:

- Purpose of incident investigation and analysis
- Review of the capabilities and limitations of each tool and when and where to employ them
- How to apply casual factor and root cause analysis for investigating safety, reliability and quality related incidents
- Case studies (group work)

## | Risk Management course

Risk management is applied to a variety of fields including business management, finance, medicine, information security and occupational safety, and the maritime industry is no exception. Risk management is used to develop regulations for ship structures and equipment. In the Tanker Management and Self Assessment guidelines (TMSA) developed by the Oil Companies International Marine Forum (OCIMF), too, risk management is required under ship management techniques. The International Safety Management (ISM) Code describes the establishment of risk control measures as one of the purposes of ship safety management and explains the necessity of risk management.

### Featured Contents:

- Overview of the basic theories and principals of hazard identification and risk assessment
- Describes qualitative and quantitative methodologies
- Review of the capabilities and limitations of each tool and when and where to use them
- FSA (Formal Safety Assessment)
- Overview of TMSA
- Case studies (group work)

### Duration: Two days

### Who Should Attend?

QM managers for ship owners, management companies, ship officers and superintendents etc. (more than 2 years experience)