



## Outline

### Target group:

The seminar is designed for maritime casualty investigators at novice level. It will provide a forum for those who are new to the casualty investigation and want to learn more about the framework in which maritime casualty investigation is carried out.

### Objective:

This seminar consists of taught modules, group sessions and discussions. The objective is to enhance existing knowledge about the maritime casualty investigation framework and to add specific knowledge on issues such as legal considerations, the maritime casualty investigation process, the data analysis and the Human Element. The course is also intended to provide for the exchange of experience and thoughts between colleagues. All participants will receive a CD ROM with an interactive course in advance. The participants can decide if they want to study the material on the CD ROM before or after the course. The seminar is based on the CD ROM course. The individual presentations can therefore either be seen as an introduction or a repetition with the possibility to clarify issues of interests resulting from the study of the CD ROM.

### Modules:

#### Background to marine casualties and incidents

- Maritime safety – a historical overview
- Human element issues in marine casualties and incidents
- Technical issues in marine casualties and incidents

#### International obligations to carry out casualty investigations

- Conventions and protocols
- IMO Code for the Investigation on marine casualties and incidents (Res. A. 849(20) and Res. A. 884(21))
- Overview about the relevant EU Directives and initiatives of EMSA with regard to maritime casualty investigation
- Investigative purposes and procedures



#### Types of investigations

- Civil administrative
- Judicial and criminal
- Jurisdiction – rights and obligations of the flag State

#### Marine accident investigations

- Appointment and role of investigators
- Gathering evidence
- Developing a time line
- Identifying causes
- Interviewing techniques
- Collecting physical evidence
- Data analysis

#### Human Element in maritime casualties

- Overview about Human element issues
- Psychological models used in the IMO codes

#### Findings and recommendations

- Characteristics and aspects of recommendations
- Safety analysis
- Structure of maritime casualty reports
- Drafting techniques of reports

#### Implementation issues

- Dissemination of information
- Dealing with media
- IMO accident and incident reports
- Formal safety Assessment