



**International Maritime Safety Security and Environment Academy**

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**E-COURSE BOOKLET on MARINE ACCIDENT and  
INVESTIGATION PROCEDURES**

**3-13 November 2020**

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Cert.Uni EN ISO 9001



Member of





## **THE e-COURSE**

### **Introduction**

When serious accidents occur at sea, it is vital that investigations are carried out and that data concerning the causes, consequences and contributory factors are collated for analysis with the aim of minimizing the number and seriousness of marine accidents in the future.

On that basis, trends and risks can be identified, recommendations made and appropriate measures implemented. An objective investigation based on a common methodology is a benefit of flag States, coastal States, the Organization and the shipping industry in general.

### **Scope**

The course is designed to provide participants with an insight into what is required in conducting casualty investigation, supporting the investigator in the field and what an investigation should achieve. After a review of the international background relating to the investigation of marine accidents and incidents, the course addresses the procedures required to support a marine casualty investigation in accordance with IMO requirements. Techniques of collecting, analysing and reporting are explained as well as follow-up actions. Extensive use is made of group activities involving case studies and role play.

### **Objectives**

Those who successfully complete the course will enhance the capability of flag State investigators to organize and conduct investigations into marine accidents and incidents in accordance with generally accepted practice.



### **Entry Standards**

Seafaring experience or experience as port officials.

A good knowledge of English language is needed.

NOTE: Attendants must provide for the following equipment requirements:

- Internet access with a good grade of connection.
- Access to a computer or laptop with related facilities (working microphone and camera).

### **Modules and certificate**

Upon successful completion of the e-course, trainees will be issued a certificate of attendance, signed by IMO and IMSSEA, attesting to their participation. It will be send by courier after the completion of the distant learning course.

The attendance of the participants will be registered by IMSSEA Staff and Lecturers by means of tests to get over after each module as a follow-up and proof of keeping up with the course sessions.

### **e-Course Modules and duration**

Welcome and presentation of the course.
Brief History of IMO
International Instruments and Obligations
IMO CIC
Operational Readiness
Initial Assessment and Response
Investigation Strategy
Purpose of Investigation



Casualty Code & Guideline for its Implementation
Interested Party and substantially interested Party
Use of equipment in Accident Investigation
Setting up the scene Methodology
Data collection and Interviewing
Accident Analysis and Safety Recommendations
Marine Safety Investigation Reports and Investigators
Groundings, Collisions, Foundering, Pollution, Case Study
Human element
Case Study- Estonia, Samina, Spring Glory; star Princess
Analysis of Marine Accident Investigation Reports
Final evaluation
<b>Total duration:</b> <b>around 21 hours</b>

### **e-CLASS ACTIVITIES**

The e-course will be delivered throughout the **IMSSEA Moodle E-learning platform** directly available from the IMSSEA website at this link <https://imssea.org/poseidon>

**MAIP e-course** will be held from **3 to 13 November 2020**; each lesson, divided into modules, generally lasts from 15' to 40', according to the development and the completion of all the topics related to the IMO Model course.

Live events are also envisaged all along the period of the delivery of the course with a provisional scheme as the following one:



- **one live event** at the beginning of the e-course for the opening of the online edition, coordinated by IMSSEA Staff. This wants to be a very moment devoted to the introduction of all the participants and the Academy staff describing the structure of the course programme and showing the lecturers trainees will “meet” during the days of e-training.
- **Two/three live events** with the lecturers for direct debates, review of topics, exercises, exchange of views. This will be a very important occasion for attendees to deepen issues dealt with during the e-learning individual sessions.
- **One live event** at the end of the e-course for final activities, evaluation questionnaire and greetings.

The programme of live moments will be available on the platform at the related section of the specific course.

The dates and times of live events will be defined accordingly with the time zone of all the attendees and for this reason they could be planned more than only one session.

### **Evaluation form for lecturers**

Participants will be individually evaluated on the basis of participation, attitude and skill tests. Lecturers will complete an evaluation form for each attendee at the end of their module.

### **Evaluation form for attendees**

An evaluation form for participants to evaluate modules and lecturers will be provided during the e-course. The purpose of this form is to give constructive feedback to the Academy about the e-lesson observed and how the lecturer positively impacted the attendee’s e-learning.

### **Final questionnaire**

At the end of the course participants will be asked for filling a questionnaire in order to collect the views on the e-course. Impression, criticism and suggestion will help the Academy to improve the standards of this modality of training.



## **Teaching materials**

Presentations and all the documents showing during the lessons will be available for the download directly on the e-learning platform, in the different modules sections of the e-course.

## **GENERAL INFORMATION**

### **IMSSEA Staff**

In case of any difficulty of connection and other issues related to the course, participants can contact IMSSEA Staff by telephone:

Office + 39 (0)10 8687410 or Mobile +39 3461519766.

For any communication, please write at [info@imssea.org](mailto:info@imssea.org)