

Title of the Seminar: **Risk Assessment and Risk Management & Incident Investigation and Root Cause Analysis**

Date: **16th and 17th May 2017**

**1<sup>st</sup> day - Risk Assessment and Risk Management**

Course Objectives 

Risk assessment is a term quite often used within the shipping industry but few understand its deeper meaning. This course aims to raise the level of knowledge on managing risk in shipboard operations via the proactive approach of risk assessment.

The course helps delegates to understand:

- basics regarding hazards identification and risk analysis
- principles of “Risk Assessment & Risk Management”
- the differences between a prescriptive and a performance approach, such being the risk-based approach
- causes of incidents

The course will teach the following:

- ◆ Where and how does risk assessment work?
- ◆ What are the industry standards?
- ◆ What is risk management?
- ◆ What are the TMSA/Rightship requirements?

Benefits for the trainee and the Shipping Company:

- Enhances the awareness for Risk Assessment.
- Enhances the safety culture across the fleet.
- Facilitates increased efficiency during the risk assessment process.

## 2<sup>nd</sup> Day - Incident Investigation and Root Cause Analysis

### Course Objectives

Course is aiming to strengthen the skills of Company's personnel enabling them to carry out an effective Incident Investigation.

### Seminar Syllabus

Learning the real reasons why incidents occur and how a Company can prevent them from happening again is the main topic of the seminar. Incident investigation has a key role in the continuous improvement process of the safety management systems. Furthermore, OCIMF / TMSA and Rightship suggest training in Incident Investigation and Root Cause Analysis for both the Senior Officers onboard the vessels as well as for the key shore staff. The course combines a theoretical and practical approach regarding Incident Investigation in shipping industry, providing answers to the following questions:

- When an investigation should be carried out?
- What should be investigated?
- What is the purpose of investigation?
- What are the industry standards?
- How to classify the incident?
- How does the investigation process work?
- Is the classification of incidents taken into account to identify the investigator?
- Who conducts the investigation?
- What are the causes of an incident?
- Are immediate & root causes identified?
- How is the information managed?
- Is there analysis of data?

### Contents

- Incidents in Maritime Industry
- Obligations to report incidents
- Tools & techniques on Incident Investigation
- Root cause analysis
- Improvements of SMS

### Regulatory References

- ISM Code
- IMO Guidelines for Incident Investigation
- TMSA Guidelines
- Industry standards

### Training Methods

Mixture of lectures, presentations, interactive group discussions and case studies.

### Language

Lecture in English, Material in English

### Certification

A Certificate of Training is provided to participants upon completion of the seminar.

### Who should attend?

Shore and ship staff involved in the continuous improvement of the company's management system, e.g. safety, health, security, environmental and quality managers, operation managers, designated persons, company security officers, superintendents, masters, ship officers and engineers.

Instructor: Mr Dimokritos Tziritis – Ex Senior Hellenic Coast Guard Officer

**Cost:** 500 Euro + 18 % VAT.

**Discounts:** 415 Euro + 18 % VAT for the 2<sup>nd</sup> delegates from the same Company.  
350 Euro + 18 % VAT for the 3<sup>rd</sup> (or more) delegates from the same Company.