



1nd Day

09.00 - 10.00

Topic Number: 1

Title: **Office – Crew cooperation to improve and effectively implement the Safety Management System**

Lecturer: Costamare Shipping Company S.A.

10.00 - 10.15

Break

10.15 - 11.15

Topic Number: 1 (continued)

Title: **Office – Crew cooperation to improve and effectively implement the Safety Management System**

Lecturer: Costamare Shipping Company S.A.

11.15 - 11.30

Break

11.30 - 12.30

Topic Number: 2

Title: **Safety tips for hazardous operations on board: entry into enclosed spaces, hot/cold works, works over height**

Lecturer: K. Karantzis

12.30 - 13.00

Break

13.00 - 14.00

Topic Number: 2 (continued)

Title: **Safety tips for hazardous operations on board: entry into enclosed spaces, hot/cold works, works over height**

Lecturer: K. Karantzis

14.00 - 14.15

Break

14.15 - 15.15

Topic Number: 3

Title: **Behavioural based safety**

Lecturer: Hellenic Lloyd's S.A.

2nd Day

09.00 - 10.00

Topic Number: 4
Title: **Safe handling of dangerous cargoes**
Lecturer: Danaos Shipping Co. Ltd., DNV GL, Springfield Shipping Co. of Panama S.A.

10.00 - 10.15 Break

10.15 - 11.15

Topic Number: 4 (continued)
Title: **Safe handling of dangerous cargoes**
Lecturer: Danaos Shipping Co. Ltd., DNV GL, Springfield Shipping Co. of Panama S.A.

11.15 - 11.30 Break

11.30 - 12.30

Topic Number: 5
Title: **Enhancing leadership, communication and other necessary soft skills for officers in the multicultural shipping environment**
Lecturer: Danaos Shipping Co. Ltd.

12.30 - 13.00 Break

13.00 - 14.00

Topic Number: 5 (continued)
Title: **Enhancing leadership, communication and other necessary soft skills for officers in the multicultural shipping environment**
Lecturer: Danaos Shipping Co. Ltd.

14.00 - 14.15 Break

14.15 - 15.15

Topic Number: 6
Title: **Risk management related to the human factor in a shipping context: new approaches to old issues**
Lecturer: The Swedish Club Greece

1. Office – Crew cooperation to improve and effectively implement the Safety Management System

- The Company's responsibility in shore to ship communication according to the ISM Code
- Factors affecting the communication between shore personnel and the ship's crew
- The influence of shore to ship communication on shipboard working practices and indirect effects on crew's health, safety and well-being
- Aspects of the organizational support to employees in their workplaces delivered by their communication with the company's management
- Shaping a safer working place on board ships through effective communication with the crews

2. Safety tips for hazardous operations on board: entry into enclosed spaces, hot/cold works, works over height

- Gas hazards onboard ships
 - *Flammable gases, explosive limits*
 - *Oxygen*
 - *Toxic gases*
- Gas detection onboard ships (flammable, oxygen, toxic gases)
- Entry into enclosed spaces
 - *Pre-entry procedures*
 - *Assessment of risks*
 - *Control of entry*
 - *Evacuation procedures*
 - *Entry into enclosed spaces with atmospheres suspected to be unsafe*
 - *Drills*
- Work permit system
 - *Enclosed space entry permit*
 - *Cold work permit*
 - *Hot work permit*
- Work on Height

3. Behavioural based safety

- Introduction
- Maintaining awareness
- Intervening
- Stop work authority
- Near miss reporting
- Verifying safety controls

4. Safe Handling of Dangerous Cargoes

Danaos Shipping Co. Ltd.

- Explain the dangerous goods classification

- Recognize the IMDG labels
- Name the packing groups
- Name the proper documents
- Explain the DG cargo information flow
- Describe the stowage and segregation requirements
- Explain how to work with the IMDG code books

DNV GL

- Introduction to solid bulk cargoes types and stowage
- Consideration of loads, damages and hazards
- The amendments (04-17) of the IMSBC Code entered into force on 1 January 2019
- Chemical hazard principles related to dry cargoes
- Dry cargoes liquefaction phenomenon and how to deal with it

Springfield Shipping Co. of Panama S.A.

- A brief Introduction to the legislation concerning the hazardous dry bulk commodities
- Hazards associated with the IMSBC Code listed Group A commodities
- Necessary precautions prior loading and during transportation of Group A commodities - the role of P & I clubs
- Hazards associated with the IMSBC Code listed Group B commodities
- Necessary precautions prior loading and during transportation of Group B commodities
- IMSBC Code Group C commodities - false declarations
- "MV CHESIRE" case study
- Recent changes and developments in hazardous bulk cargos related legislation
- Hazards when carrying crude oil
- General precautions on tankers
- Inert gas system

5. Enhancing leadership, communication and other necessary soft skills for officers in the multicultural shipping environment

- Cultural differences
- Common values & safety culture
- Bonding on board
- Communication on board
- Effective leadership
- One team management

6. Risk management related to the human factor in a shipping context: new approaches to old issues

- Accidents from a marine insurer's perspective
- Human factors
- Attitudes and behaviour
- Situation awareness
- Authority and assertiveness
- Challenge and response
- The impact of multicultural on maritime safety