



ΕΛΛΗΝΙΚΗ ΕΝΩΣΗ ΠΡΟΣΤΑΣΙΑΣ
ΘΑΛΑΣΣΙΟΥ ΠΕΡΙΒΑΛΛΟΝΤΟΣ
HELLENIC MARINE ENVIRONMENT
PROTECTION ASSOCIATION

MARITIME TRAINING CENTER
for Pollution Prevention
Safety at Sea and
Environmental Awareness



Operational Safety

Hot Topics

27-28 September 2022

11.00 - 15.00 EEST

WEBINAR

Addressed to crew officers (deck & engine) and office personnel of HELMEPA Member companies

Day 1

- 11.00 – 11.50 Safety performance against Covid-19 — Thenamaris Ships Management
- 11.50 – 12.00 Break
- 12.00 – 12.50 Safety performance against Covid-19 (cont.)
- 12.50 – 13.00 Break
- 13.00 – 13.50 Fire safety: best practices for fire prevention, detection, and extinction — Hellenic Navy, Damage Control School
- 13.50 – 14.00 Break
- 14.00 – 14.50 Fire safety: best practices for fire prevention, detection, and extinction — Hellenic Navy, Damage Control School
- 14.50 – 15.00 Q&As / Wrap-up / Closure

Day 2

- 11.00 – 11.50 Planning and conducting safe and effective drills — M. Gavriil – Member of HELMEPA Training Committee
- 11.50 – 12.00 Break
- 12.00 – 12.50 Planning and conducting safe and effective drills (cont.)
- 12.50 – 13.00 Break
- 13.00 – 13.50 ECDIS awareness — Euronav Shipmanagement
- 13.50 – 14.00 Break
- 14.00 – 14.50 ECDIS awareness (cont.)
- 14.50 – 15.00 Q&As / Wrap-up / Closure

2022

REFRESHER TRAINING PROGRAM

From our members for our members



Capt. Zacharias VAIRAMAKIS

Safety Development Officer
Thenamaris

Zacharias is the Safety Development Officer of Thenamaris, with an extensive experience in the area of safety development, seafarers training and human factors related initiatives. Previously, he worked in office positions as Marine Superintendent supervising tanker fleet vessels and as Marine Safety & Vetting Advisor. He also served for years as Master Mariner onboard oil and chemical tankers. He graduated from the Marine Academy of Kefalonia and holds an Executive Certificate in Shipping – Maritime Studies by Alba Graduate Business School and a Professional Certificate in Business Analytics by EKPA.



George LYKOS

Commander Engineer, **Hellenic Navy**
Research Engineer, **NTUA**

George is an engineer Commander for the Hellenic Navy and has served as the Director of Damage Control School for the Hellenic Navy that manages full realistic navy and maritime firefighting, flooding, and evacuation simulators. He is also an PhD Candidate and a research engineer in the Laboratory for Maritime Transport at the School of Naval Architecture and Marine Engineering of the National Technical University of Athens, Greece. His expertise is in marine safety and security; risk engineering; human reliability; marine casualty investigation; naval design; resilience engineering; systems engineering; firefighting; and statistical modeling. He has published and presented his work in many highly esteemed scientific journals and conferences. Goerge holds Master in Science in "Human Resources Management" from Athens University of Economy and Business and Master in Science in "Nautical and Sea Technology and Science" from National Technical University of Athens, Greece. He is an instructor and a developer on several topics for NTUA and DNV academy.



Michalis GAVRIIL

DPA/CSO/HSQE Manager

Michalis is DPA/CSO/HSQE Manager and also vice chairman of HELMEPA Training committee since 2015.

He started his career at sea at age of 16 when he first joined a chemical tanker. He subsequently studied at the Merchant Marine Academy of Aspropyrgos and continued his seafarer career. In 2008 Mr. Gavriil joined a major stock listed(NYSE)where he evolved through continuous training and after a few years he assumed a high managerial level position and since then he has been serving the shipping industry from the HSQE sector. He has been involved in several activities and projects within the industry, such as the annual meetings with the USCG commander and staff, the HELMEPA training committee, the INTERCARGO BMSA (DRY-SAS) working group , HELMET initiative and many more. He remains an active member of the shipping community with frequent visits on board ships in order to endure the rapport with the heart of shipping industry, the seafarers.



Capt. Anastasios KYRTSILOUDIS

Group A DPA, Sr. Marine Superintendent
Euronav Ship Management (Hellas) Ltd.

Anastasios studied at the Merchant Marine Academy of Aspropyrgos and is a Master Mariner on Oil Tankers. He started his career as seaman and aiming to increase his expertise in the shipping field, he has participated in various trainings and seminars such as Maritime Business Administration at University of Piraeus and other shipping industry related courses. In 2018 he changed his path by moving to the shore management as HSQE/Marine Superintendent.

Webinar Learning Objectives | Outline

Safety Performance against Covid-19

This course aims to highlight the impact of COVID-19 pandemic to the safety performance of the vessels and identify the lessons to be learned from the imposed restrictions:

- Risk Management during the COVID-19 pandemic
- Impact on safety performance and human factors
- Vessel contingency plans
- Use of available technology e.g. tele-assistance, teams etc.
- Lessons learnt from the health and well-being measures

Learning objectives:

1. Understand the impact of pandemic to the applicable Performance Influencing Factors.
2. Identify new hazards and safeguards through a risk assessment analysis of the pandemic
3. Appreciate the effectiveness of a contingency plan for the daily operations
4. Challenge pros and cons and application of the available remote technology.

Fire safety: best practices for fire prevention, detection, and extinction

Through this crash course participants will become familiarized with the fundamental principles of fire prevention, detection, and extinction on board. The participants will comprehend the risk of a fire on board and how to apply realistic initiative-taking measures and provide applicable solution to stop the evolution of the fire and mitigate fire consequences.

Learning objectives:

- Notable fire incidents
- Introduction to fire characteristics
- Firefighting legislation framework
- Fire risk analysis on board
- Control firefighting onboard
- Firefighters outfit/protective equipment
- Prevention and Suppression of Fire & Explosion
- Firefighting Operations

Planning and conducting safe and effective drills

Effective implementation of drills on board may significantly contribute to the overall enhancement of operational safety and appropriate response in case of emergencies.

This presentation will focus on:

- The purpose of drills by reference to relevant statistics and actual accident cases
- The regulatory framework for drills (ISM, SOLAS, IMO Circulars, administration requirements, mandatory safety drills)
- Hazards deriving from drills, with reference to lifeboat launching and enclosed space entry
- Available tools for proper preparation, such as muster list, SOLAS training manual, fire control plan
- The typical list of drills, based on regulations and industry's BMP
- How to plan safe and effective drills (steps, best practices, evaluation)

ECDIS awareness

The transition from paper charts to electronic solutions using positioning systems, ECDIS, and other sophisticated bridge systems is already a fact and has important safety implications. This presentation aims at helping officers with bridge watch-keeping duties to overcome possible difficulties in catching up with modern technology.

Particular focus will be placed on:

- Relevant legislation under SOLAS Chapter V
- Useful glossary and abbreviations
- Safe Navigation with ECDIS
- ECDIS as a voyage planning tool
- ECDIS-related "concerns"
- Guidelines to ECDIS audits and inspections

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