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

•HELMEPA•

danaos
shipping co ltd

Cybersecurity awareness in shipping

16 November 2022

10.00 - 13.30 EET

WEBINAR

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

Schedule

10.00 – 10.50	Cybersecurity awareness (part I): effective SMS policies to address cyber risks ashore and on board as per ISM Code — Danaos Shipping Co. Ltd.
10.50 – 11.00	Break
11.00 – 12.00	Cybersecurity awareness (part II): tools and best practices to minimize cyber threats — Danaos Research Center
12.00 – 12.15	Break
12.15 – 13.15	Cybersecurity awareness (part III): tools and best practices to minimize cyber threats — Danaos Research Center
13.15 – 13.30	Q&As / Wrap-up / Closure

2022
REFRESHER
TRAINING
PROGRAM

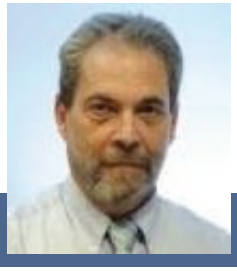
From our members for our members

WEBINAR LECTURERS

Capt. Nikolaos POLYMERIS

Deputy Training Manager
HR & Training Department
Danaos Shipping Co. Ltd.

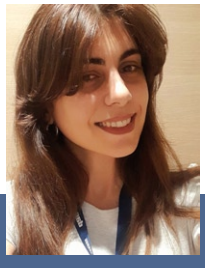
He started working at sea in 1998 and has been a Helmepa Member since 2004. He has 2 years experience as Master on ContainerShips (Danaos Shipping Co. Ltd.), 5 years as SQE/Marine Superintendent (Eastern Mediterranean Maritime), 3 Years as Deputy Training Manager (Danaos Shipping Co. Ltd.)



Prof. (Emeritus) Takis VARELAS

Director
Danaos Research Centre

Director of Danaos Research Centre since 2004 with 35+ years of expertise in Maritime information systems.



Artemis FLORI

Researcher & Innovator
Danaos Research Center

As a member of Danaos Research Center, Artemis is currently participating in various Maritime EU research Projects focusing mainly on applying innovative solutions in the maritime industry. A big part of her career is associated with the risk and market analysis in Shipping and Chartering at the Dry Freight Division, as well as with port economics, policies, and strategies.

WEBINAR Outline | Learning Objectives

Cybersecurity awareness

- Scope of Cyber Security
- Description of Cyber Security Technologies
- Top 15 Cyber Threats
- Employees Best Practices
- Attackers Best Practices
- Handling of Remote Connections
- Updating Antivirus Definitions
- Threats Identification and Assessment: Threat actors, types, stages, and quantification
- Vulnerabilities Identification: IT and OT systems' documentation (topology and architecture), Typical vulnerable systems, Ship to shore interface (satellite and cellular links, or manual)
- Risk assessment: consequence, likelihood, and impact level
- Impact assessment: (The CIA mode, Quantifying the impact, "Critical" equipment and technical systems)
- Mitigation plan: protection and detection measurements, risk attribute reduction)
- Training