

CALL FOR PARTICIPANTS

Online Training “A005 - Lesson learned from Cyber-MAR pilots: Vessel navigation and automation systems”

ADVANCED LEVEL

Organized by the Cyber-MAR project

8th February, 2023

11:00 – 11:30 (CET)

Background

One of the objectives of Cyber-MAR is to cover the training needs for all professionals (cyber-security/IT experts but also non-IT-expert personnel of ports, shipping operators and linked entities influenced by possible cascading effects) and most importantly also to raise the cyber-threat awareness level within those organizations by hands-on training. The courses will be available at different levels of complexity (entry, intermediate, advanced) in order to attract trainees with various levels of experience.

Objectives

The training course is designed to show the pilot scenario of a cyber-attack to a vessel navigation and automation systems.

It will demonstrate how various elements of the Cyber-MAR system are integrated allowing the platform to model a complex cyber-attack, and its impacts. The attack will also demonstrate how, regardless of security practices in place, an attack can propagate from shore-based systems to the control systems on board a large vessel causing a loss of control.

This course is intended to present a hypothetical real scenario with its consequences.

The objective is to make learners conscious of the possible damages caused by a cyber-attack.

Student learning outcomes

Participants will be guided through the vessel navigation and automation systems. scenario and learn through it the key points to consider in crafting realistic scenarios.

Target groups

IT managers, IT personnel, Cybersecurity personnel from:

- Port authorities, operators
- Logistic actors

- Ship-owners
- Shipbuilding
- Terminal operators
- Ship managers
- Ship agents
- Ship Charterers
- Port State Control

Security Science scientific personnel from:

- Academy (Universities, Research Centres & Institutes, Laboratories)

Eligibility

OT and SCADA generic skills and knowledge, good knowledge about Vessel automation systems

Duration

30 minutes

Costs

- No fees

Other information

Training programme will be delivered by prominent experts, in **English** language.

Participation is attested by the release of an "attendance certificate" for trainings under H2020 projects.

No ECTS credits are awarded for this training.

How to join

The registration must be submitted online before **06st February 2023, 18:00 (CET)**.
You can join us [here](#).

Upon your registration you will receive an email with the connection details.

By clicking "Register", you confirm that you have read and agree with our Privacy Policy [here](#).