



**WE FOCUS ON TRAINING,**  
SO YOU CAN FOCUS ON BUSINESS.

Aboa Mare Maritime Academy and Training Center



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**READ MORE  
ABOUT OUR COURSES  
AND REGISTER:**

[aboamare.fi/courses](https://aboamare.fi/courses)

## ABOA MARE MARITIME ACADEMY AND TRAINING CENTER



**Aboa Mare Ab**  
Maritime Training Center  
Courses for professional seafarers and land-based personnel



**Novia University of Applied Sciences, UAS**  
Maritime Bachelor and Master degree programmes in English and Swedish  
Maritime R&D department



**Axxell, vocational education**  
Vocational maritime degree programmes in Swedish

# ABOA MARE

Maritime Academy and Training Center  
for maritime professionals.

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## **TAILOR-MADE TRAINING SOLUTIONS, SHORT COURSES AND DEGREE PROGRAMMES:**

- » Add the courses you need in Aboa Mare's online portfolio or ask for a tailor-made solution.
- » Receive best training results by combining online and on-site simulator training.
- » Train with the bridge equipment used within your fleet. We have Furuno, Sperry, Wärtsilä NACOS Platinum and Transas ship bridge simulators.
- » Train your engine crew in our Wärtsilä engine simulator.
- » Access the newest training tools, technology and pedagogy.
- » Access our newest ice navigation and low flashpoint fuels training, developed together with leading technology companies.
- » Use our simulator expertise by having your own ship and your ports of call modeled in the simulator environment.
- » Connect with experts on development of company culture in order to achieve future sustainable development goals, including IMO 2050 targets.
- » Develop, test and evaluate your solutions together with our R&D department.
- » Enjoy the feeling of having STCW training tailor-made for your needs, executed by experienced instructors.

**Let's develop your training solution together!**



# R&D SOLUTIONS

## Enabling waves of innovation

Maritime simulations are at the heart of all our operations, but especially in R&D. Our unique simulator environment and long experience make us a forerunner in maritime research, testing and product development.

By imitating real-life situations in simulators, we help our partners solve problems and find the best solutions for their needs, from human operations to port entities or technology on-board vessels. Through simulation, alternative scenarios and designs can be studied in close detail, without risk.

We support our customers throughout their studies and also in finding sponsors and partners.

We do research collaboration with for instance Åbo Akademi, the Research Alliance for Autonomous Vessels and the Allied ICT Finland network through the Maritime Software Institute.



We are involved in the creation of new working practices and technology to enable remote pilotage. It's important for us to have a partner like Aboa Mare, who provides us with the latest simulator knowledge, technology and test environment.

**Sanna Sonninen**  
**Pilotage Director**  
**Finnpilot Pilotage Ltd**





# SIMULATOR DEVELOPMENT

## Steering towards the future

Simulation is a rapidly developing field of technology, with lots of possibilities for future growth. Virtual learning and research environments, like mixed reality (XR), offer new opportunities in prototyping and testing marine systems as well as in human behavioral assessment.

Human-machine interaction and simulation from the seafarers' view is one of our core competences. We are continuously creating unique testing, training, and development platforms for our partners.

All R&D activities support the development of Aboa Mare's simulation environment. Research and development also enhance our training abilities. Our students have a unique possibility to participate in innovation activities and in developing the future of maritime solutions.

## Simulator roadmap steers us towards the future

Our strategic Simulator Roadmap 2030 strengthens and steers our way in developing new digitalization and automation services for the maritime industry.

Real-stress situation  
simulations

Remote & autonomous ship  
operation training

True digital twins with holistic  
engine room to bridge immersion

**2020**

**2030**

Operational  
excellence

VR based  
missions

Virtual chief  
training

Virtual training environments  
for global services



# SUSTAINABLE DEVELOPMENT

- Ecotrain Workshop
- Sustainable Shipping
- Regulatory Framework in Sustainable Shipping

Aboa Mare sustainable development training enables land and sea based personnel to adopt new attitudes and affect company culture in order to achieve future goals, including IMO 2050 targets.

## SUSTAINABLE SHIPPING COURSE

### STUDENT PROFILE:

All land and sea based personnel.

### UPON COMPLETING THIS COURSE, THE PARTICIPANT WILL:

- Understand current and future IMO and EU regulations.
- Be familiar with technical and carbon neutral solutions.
- Know how to operate ships in a sustainable way.
- Be prepared to adopt new attitudes and affect company culture to achieve future goals.
- Be able to implement new regulations in the everyday operations.



We are deeply committed to sustainable development and have enjoyed working together with Aboa Mare to create and develop our ECO-driving concept.

**Pasi Roos**  
**Safety and Traffic Director**  
**Finnerries**



# PORT AND FAIRWAY STUDIES

We can research, construct, test and evaluate port and fairway areas in our simulators.

Aboa Mare's simulator environment offers a highly cost-effective solution in the planning and construction of fairways and ports. Project expenses decrease when decisions are made in the right order and optimized from the beginning. With our simulator interface, we can test the fairway and port area before it is constructed. The tests enhance safety in fairways and ports.



**Watch a video about our cooperation to increase traffic flow and safety to the Port of Loviisa.**



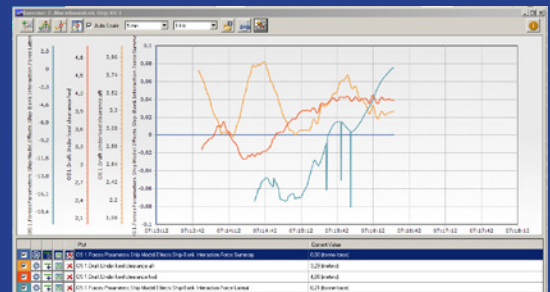
## PORT AND FAIRWAY STUDY

HOW WE COOPERATE TO INCREASE TRAFFIC FLOW AND SAFETY TO THE PORT OF LOVIISA



Aboa Mare has provided us with accurate simulator-based port and fairway studies to aid our decision making in major development projects.

**Jukka Kallio**  
**VP Cargo**  
**Port of Helsinki**



All hydrodynamic components, such as effects or ship motions can be individually monitored and/or analyzed.



# Training For Crew On Board Ships Using Low Flashpoint Fuels, IGF

- IGF\*
  - ✓ Basic
  - ✓ Advanced
  - ✓ Combined (Basic + Advanced)
  - ✓ Refresher
- IGF Bunkering
- IGF Simulator
- IGF Familiarization

\*International Code of Safety for Ship Using Gases or Other Low-flashpoint Fuels, IGF Code, is an international standard for ships, other than vessels covered by the IGC Code, operating with gas or low-flashpoint liquids as fuel. Aboa Mare's IGF Training gives sea and land based personnel up to date knowledge of procedures and systems on board ships required by the STCW Code.

## IGF CODE SIMULATOR COURSE

### STUDENT PROFILE:

Persons who need the sea experience required for an advanced IGF CoP, Certificate of Proficiency.

### UPON COMPLETING THIS COURSE, THE PARTICIPANT WILL:

- Have a deeper understanding of bunkering procedures and checklist.
- Be familiar with DF engines and GVU systems.
- Know how to complete an IGF bunkering safely following rules and regulations.
- Be prepared to be in charge of IGF bunkering operations.
- Be able to respond to possible IGF bunkering and engine system malfunctions correctly.



We are always looking forward to the specialized training that Aboa Mare provides: a flexible and accessible training program using the latest in technical simulation.

**Tony Lindholm**  
**Harbour Master**  
**Meyer Turku**







## WAY FORWARD WITH GREEN TECHNOLOGY - ELECTRIFYING FINNISH FERRY SERVICE



Finferries' vessels carry about 4 million vehicles and 10 million passengers annually.

Find out more: [finferries.fi](https://finferries.fi)



# ICE NAVIGATION

- Polar Code
  - ✓ Basic
  - ✓ Advanced
  - ✓ Combined (Basic + Advanced)
  - ✓ Refresher
- Polar Code Survival
- Baltic Ice Navigation
- Azimuthing Propulsion in Ice Training
- Introduction to Cold Climate
- Operation of Ships in Ice and Winter Conditions
- Cargo Operations in Cold Conditions for Dry Cargo and Tanker
- Search and Rescue in Cold Conditions
- Shiphandling in Ice Conditions
- Sustainable Ship Operation in Cold Climate

Ice navigation training for deck officers enhances safety and efficiency of maritime operations and increases the level of environmental protection.

## POLAR CODE COMBINED COURSE

### STUDENT PROFILE:

Captains, chief officers and deck officers.  
Land-based personnel and authorities.

### UPON COMPLETING THIS COURSE, THE PARTICIPANT WILL:

- Understand the need for safe working procedures and correct operation of equipment due to sub-zero temperatures and darkness.
- Know the demands set by sea ice to navigation.
- Know how to plan for and use icebreaker assistance.
- Be prepared to manage emergency operations in polar areas.



ABB Marine & Ports and Aboa Mare have cooperated since 2010 on creating, developing and delivering dependable and innovative ice simulation solutions for Azipod® propulsion shiphandling training.

**Jimi Lipponen**

**Global Marine Academy Manager**

**ABB Marine & Ports**

Harsh and remote polar areas and the limited amount of experienced seafarers make it a challenge to transport products safely, speedily and economically and yet sustain a high level of environmental awareness.

We offer a tailor-made simulator-based training program together with ABB for Azipod® propulsion operation in Arctic Waters.

**Read more about how Aboa Mare tailored an ice navigation training to secure shipping to the port of Sabetta in Russia.**

[www.aboamare.fi/Tailor-Made-Polar-Code-Training/](http://www.aboamare.fi/Tailor-Made-Polar-Code-Training/)







# Sperry Marine

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# VESSEL TRAFFIC SERVICE, VTS

- VTS Operator
- VTS Supervisor
- VTS OJTI (On-the-Job Training instructor)

VTS operators ensure that vessel traffic is safe, smooth and without incidents in ports, fairways and coastal areas, thus reducing potential environmental hazards.

## VTS OPERATOR TRAINING COURSE V-103/1

### STUDENT PROFILE:

Persons aiming for a career as a VTS operator with minimum qualification of Watchkeeping Officer or equivalent.

### UPON COMPLETING OF THIS COURSE, THE PARTICIPANT WILL:

- Be familiar with the duties of a VTS operator.
- Know how to increase safety.
- Understand national and international regulations affecting the provision and conduct of vessel traffic services.
- Be prepared for the On-the-Job Training OJT.

## VTS SUPERVISOR TRAINING COURSE V-103/2

### STUDENT PROFILE:

Persons working as a VTS operator aiming to lead a VTS team.

## VTS OJTI COURSE V-103/4

### STUDENT PROFILE:

VTS operators or supervisors aiming to become On-the-Job Training Instructors.



As a result of an open public procurement procedure, EMSA awarded a contract to Aboa Mare in 2017 for provision of VTS operators training for our European Neighbourhood Policy stakeholder community. The training was delivered in accordance with the quality standards agreed in the contract.

**Giuseppe Russo**  
**Capacity Building Projects Manager**  
**European Maritime Safety Agency**





# SHIPHANDLING, NAVIGATION AND PILOTAGE

- Basic Shiphandling
- Advanced Shiphandling
- Shiphandling in Ice
- Azimuthing Propulsion Training
- Assessment of Behavioural Competencies
- ECDIS Generic
- ECDIS Type specific

Efficiency increases and accident rates decrease when a ship crew is motivated, professional and well trained in maneuvering a ship.

## ADVANCED SHIPHANDLING COURSE

### STUDENT PROFILE:

Captains, Chief Officers, Deck Officers and Pilots maneuvering a ship.

### UPON COMPLETING THIS COURSE, THE PARTICIPANT WILL:

- Understand practical limitations in fairway and port operations.
- Be familiar with fairway and port regulations.
- Be prepared to maneuver and handle a ship in all conditions, in river estuaries and restricted waters, berthing and unberthing under various condition of wind, tide and current with or without tugs.
- Be able to lead and manage ship maneuvers in fairways and port areas with or without tug assistance.

## PILOTAGE TRAINING AND PILOTAGE EXEMPTION CERTIFICATES

Ships arriving to and departing from Finnish ports must utilize the services of a pilot depending of the size of the vessel or if the vessel's cargo is considered dangerous or hazardous.



Alfons Håkans has been very satisfied with the hands-on simulator training delivered by Aboa Mare as a part of the Finnish Transport Infrastructure Agency's icebreaker operator training.

**Joakim Håkans**  
**Managing Director**  
**Alfons Håkans**



Aboa Mare arranges examinations in order to obtain:

- Pilot Licence  
(Pilots working for Finnpilot Pilotage Ltd)
- Pilotage Exemption Certificate  
(For a specific fairway and vessel)
- Exemptions (For vessels with a gross tonnage of less than 3,700 tons)



# CARGO HANDLING AND SHIP STABILITY

- Basic Stability
- Advanced Stability
- Passenger Safety, Cargo Safety and Hull Integrity Training
- Cargo Handling for Tankers
- Cargo Handling for Dry Cargo
- Cargo and Ballast Handling
- IMDG

Cargo handling & Ship Stability knowledge minimize risks to safety at sea. The crew needs to understand the core concepts behind stability and cargo handling in order to plan, keep an overview and execute cargo operations safely with the newest technology.

## ADVANCED STABILITY COURSE

### STUDENT PROFILE:

Captains, chief and deck officers, shipping company DPA:s.

### UPON COMPLETING THIS COURSE, THE PARTICIPANT WILL:

- Be familiar with ship design affecting operational safety onboard.
- Understand vessels stability capabilities.
- Know how to calculate stability, trim and taking in consideration bending and shearing moments.
- Have knowledge of damage stability.



I was asked by Aboa Mare to take part in the development of a stability course focusing on the added value from my experience and knowledge from the ship- building industry.

**Eero Kareoja**  
**Naval Architect MSc**  
**Senior Designer, Ship Theory**  
**Helsinki Shipyard Oy**



*Shipping since 1897*

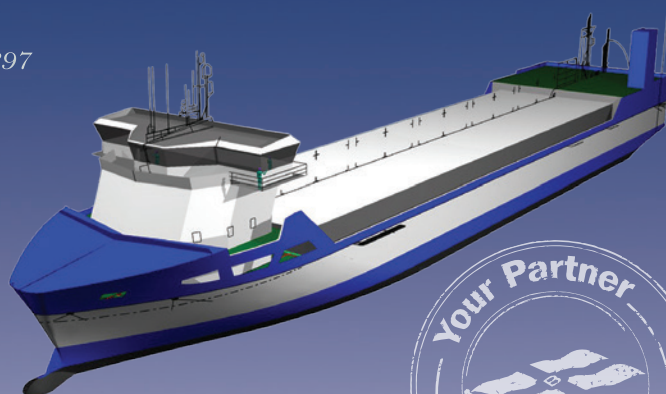
## Europe's Leading RoRo Tonnage Provider

Bore is a modern, international shipping company with a long history, recognized service quality and strong fleet. Constantly progressing, and with the future in mind, Bore offers economical and ecological transport solutions for the RoRo market.

In year 2021, 3 new LNG powered RoLo vessels will join the fleet.

Our fleet consists of ships that are well maintained and designed for a year-round service, with high Ice-class. As an innovative and trustworthy partner for your shipping requirements, Bore promotes high safety awareness, with a focus on sustainable shipping services.

**[www.bore.eu](http://www.bore.eu)**



*- member of Spliethoff Group -*



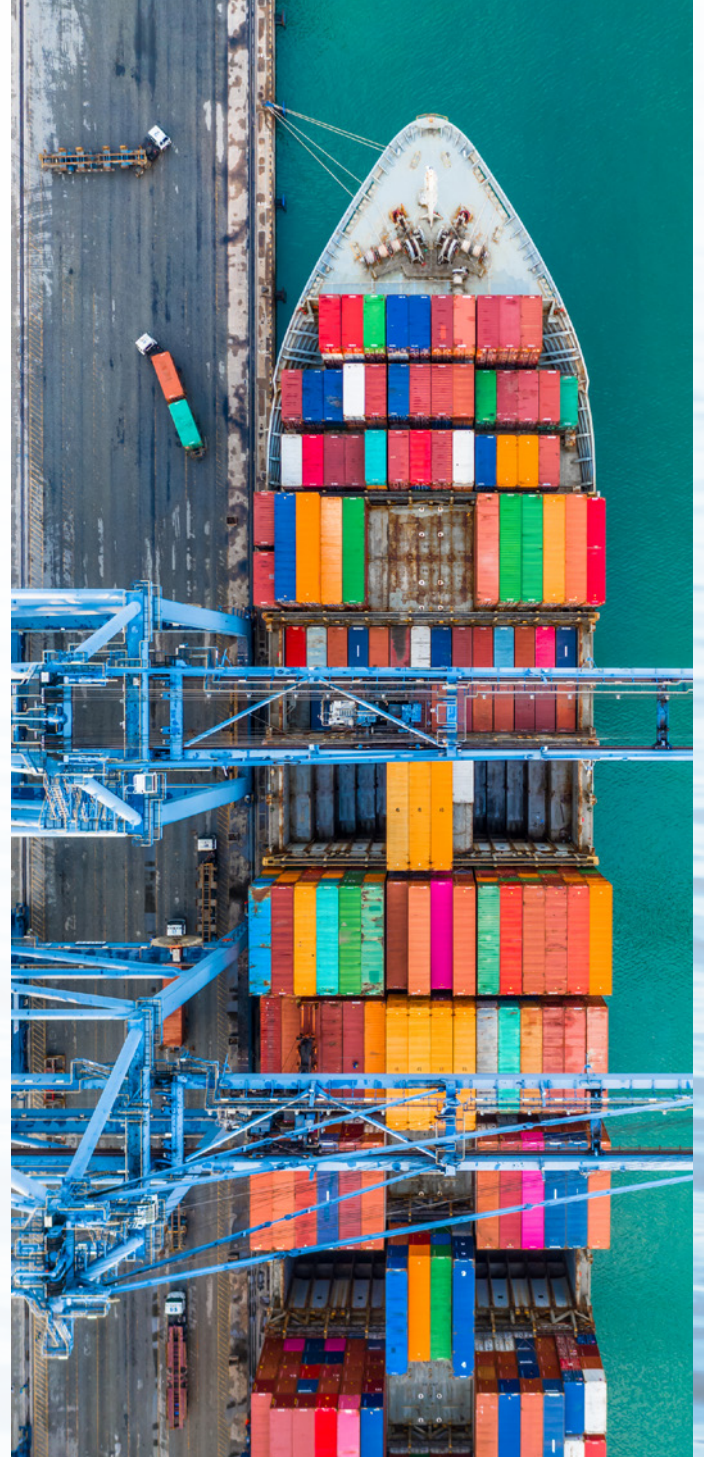
## PASSENGER SAFETY, CARGO SAFETY AND HULL INTEGRITY COURSE

### STUDENT PROFILE:

Captains, chief officers, deck officers, engine officers, DPAs, land based personnel and authorities.

### UPON COMPLETING THIS COURSE, THE PARTICIPANT WILL:

- Know how to use Passenger Ship Plans and manuals.
- Be familiar with loading, embarkation and cargo securing procedures.
- Understand special safeguards, procedures and requirements regarding the carriage of Dangerous Goods.
- Be able to read stability, trim and stress calculations.



**VTT**

## Combined ship handling and energy flow simulation for zero-emission shipping



[vttresearch.com](http://vttresearch.com)

beyond the obvious



# TECHNICAL TRAINING

- IGF Code
- ERM Simulator
- Combined BRM & ERM simulator
- Renewal of certificate
- High Voltage
- Basic Ship Engine Maintenance
- Separator Maintenance
- Standard operation procedures and checklist evaluation
- Basic Engine Automation Training
- Basic Diesel Electric Ship Operation Training

Technical training for engine officers enables cost-effective and safe maritime ship operations for shipping companies and increases the level of environmental protection.

## HIGH VOLTAGE COURSE

### STUDENT PROFILE:

Engine officers working with High Voltage systems.

### UPON COMPLETING THIS COURSE, THE PARTICIPANT WILL:

- Understand the basics of electrical marine engineering.
- Be familiar with electrical safety rules and regulations.
- Know how to operate HV marine switchboards safely.
- Be familiarized with equipment above 1000 V.
- Know how to identify faults within an HV system and how to keep the system running.



Wärtsilä and Aboa Mare have collaborated for several years in creating and delivering technical training solutions for the global market.

**Matti Olli**

**Director of Training Services**

**Wärtsilä**







IN COOPERATION WITH



# MARITIME TRAINING CENTER

GMC

MARITIME ACADEMY



OUR STCW COURSES  
ARE ACCEPTED, APPROVED  
AND CAN BE ENDORSED  
BY ALL COUNTRIES

ISO 9001:2015/14001:2015/18001:2007/22001:2005/45001:2018/50001:2011 AWARENESS/INTERNAL AUDITOR

MASTER/CHIEF OFFICER/OFFICER IN CHARGE OF A NAV. WATCH  
CHIEF ENGINEER/SEC. ENGINEER/OFFICER IN CHARGE OF AN ENG. WATCH  
BRM/BTM/SHIP HANDLING/BRIDGE SIMULATOR  
SHIP TO SHIP OPERATIONS WITH SIMULATOR  
ICE NAVIGATION COURSES  
ECDIS GENERIC TRAINING  
ECDIS FURUNO FEA/ FMD  
ERM/ENGINE ROOM SIMULATOR  
HIGH VOLTAGE COURSE  
PLEASURE YACHT CAPTAIN COURSE  
SHIPS COOK COURSE/SAFETY IN GALLEY  
GENERAL OPERATOR OR RESTRICTED GMDSS  
BASIC TRAINING OIL/CHEM/LNG/LPG TANKER  
ADV. TRAINING OIL/CHEM/LNG/LPG TANKER  
CARGO & BALLAST HANDLING SIMULATOR  
FOR: OIL/CHEM/LNG/LPG TANKER OPERATIONS  
EMERGENCY SHUTDOWN PROCEDURES  
BASIC SAFETY & REFR. COURSE  
ADVANCED FIRE FIGHTING COURSE & REFR. COURSE  
MEDICAL FIRST AID & REFR. COURSE  
MEDICAL CARE & REFR. COURSE  
PASSENGER TRAINING FOR OFFICERS & RATINGS  
SSO/ DESIGNATED DUTIES/SECURITY AWARENESS  
PROFICIENCY FAST RESCUE BOATS & REFR. COURSE  
PROFICIENCY SURVIVAL CRAFT & RESCUE BOATS & REFR. COURSE  
SAFETY OFFICER/RISK ASSESSMENT & INCIDENT INV./CYBER SECURITY  
ISM/ISPS/HSQE/DPA/EMR/AWARENESS/LEADERSHIP/INTERNAL AUDITOR

39-41 Ethnikis Antistaseos Str. | Piraeus | 18531 | Greece | +30 210 4124040  
info@gmcmaritimecenter.com | www.gmcmaritimecenter.com



# TECHNICAL TRAINING

## BASIC ENGINE AUTOMATION COURSE

### STUDENT PROFILE:

Engine officers with little or no experience of automated engine room control systems on ships.

### UPON COMPLETING THIS COURSE, THE PARTICIPANT WILL:

- Understand the automation system onboard.
- Be familiar with operations and running the system.
- Know how to operate the system safely.
- Be prepared in case of emergencies.
- Fault finding and problem solving.

## BASIC DIESEL ELECTRIC SHIP OPERATION COURSE

### STUDENT PROFILE:

Whole course: Chief engineers and engine officers.

Part of the course: Captains, chief officers and deck officers. Land-based personnel working with ships with diesel electric propulsion.

### UPON COMPLETING THIS COURSE, THE PARTICIPANT WILL:

- Understand the basic principles of diesel electric ship operation.
- Be familiar with the main components and functions in diesel electric propulsion.
- Know operation and safety aspects.
- Be prepared to operate a diesel electric propulsion system.
- Be able to troubleshoot and maintain safe operations.
- Fault finding and problem solving.



THE AZIMUTH PROPULSION COMPANY

[www.steerprop.com](http://www.steerprop.com)





**BECAUSE TIME  
MATTERS**



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**PORT OF TURKU**  
FINLAND



# MEDICAL TRAINING

- Elementary First-Aid
- Medical First-Aid
- Medical Care
- Medical Aid Competence Enhancement Onboard Ships
- Crew Mental Illness Prevention & Consultancy
- Crew Welfare Consultancy

Medical training for ship crew that provides participants with hands-on medical care skills.

## MEDICAL CARE COURSE

### STUDENT PROFILE:

Masters and ships' officers in charge of medical care on board.

### UPON COMPLETING THIS COURSE, THE PARTICIPANT WILL:

- Be capable to participate effectively in coordinated schemes for medical assistance on ships at sea.
- Have competence in carrying out basic medical procedures.
- Be prepared to provide the sick or injured with a satisfactory standard of medical care while they remain on board.
- Be familiar with the equipment and medication available (as per No. 584/2015 Act on Ships' Medical Stores).



It's important that the cadets of the Finnish Naval Academy achieve at least the same radio communication skills as merchant marine officers. The GMDSS training at Aboa Mare has always satisfied our needs.

**Mika Gerasimoff**  
**Lieutenant, Senior Grade**  
**The Finnish Naval Academy**



We were able to save time and provide our crew with a tailor-made Medical First Aid course by having Aboa Mare's medical care instructor onboard during our normal scheduled traffic.

**Maria Heikel**  
**HR Manager**  
**Tallink Silja**





# Global Maritime Distress and Safety System, GMDSS

- General Operator's Certificate, GOC
- Restricted Operator's Certificate, ROC
- Refreshment of Certificate (GOC & ROC)

The GMDSS (Global Maritime Distress and Safety System) makes it possible for the land-based authorities in charge of rescue operations and the vessels in vicinity of the vessel or person(s) in distress to be alarmed for assistance. GOC is the highest certified level in radio communication on board a ship.

## GOC COURSE, GENERAL OPERATOR'S CERTIFICATE

### STUDENT PROFILE:

Captains, chief officers and deck officers.

### UPON COMPLETING THIS COURSE, THE PARTICIPANT WILL:

- Be able to efficiently operate a ship's GMDSS radio equipment.
- Understand regulations and procedures in emergency situations.
- Be familiar with General knowledge of Safety of Life at Sea (SOLAS) and practical radio operations.
- Know how to communicate by using IMO standard marine communication phrases (SMCP).
- Be prepared to be in charge for radio communication during distress situations.

Read more about the GOC course:

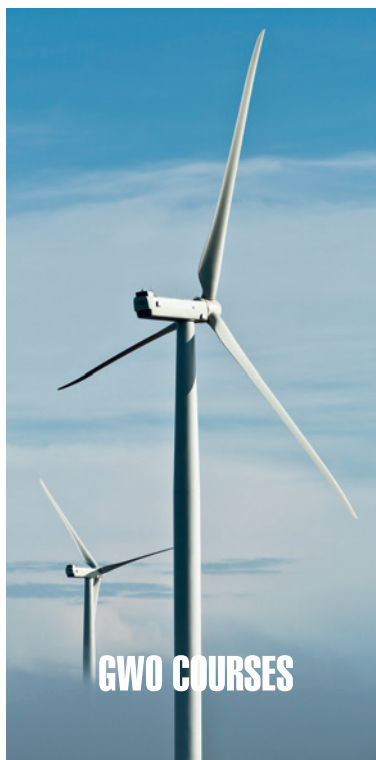
[www.aboamare.fi/GOC](http://www.aboamare.fi/GOC)

## GET BETTER AT MERITURVA!

# MERITURVA



STCW COURSES



GWO COURSES



HUET COURSES

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# Training in Dynamic Positioning, DP

- DP Induction
- DP Simulator
- DP Revalidation
- DP Refresher and Competency Assessment

A Dynamic Positioning (DP) system controls a vessel's heading and position precisely e.g. when anchoring isn't possible, by continually balancing environmental forces. Aboa Mare is accredited by Nautical Institute for training in Dynamic Positioning since 2009.

## DP INDUCTION COURSE

### STUDENT PROFILE:

Deck Officers, DP operator trainees and other DP system users using the Nautical Institute's Dynamic Positioning Operator (DPO) training scheme.

## DP SIMULATOR COURSE

### STUDENT PROFILE:

Captains, deck officers and, where relevant, other watchkeeping personnel.

## DP REVALIDATION COURSE

### STUDENT PROFILE:

Individuals with a DPO Certificate from the NI, who are unable to revalidate their DPO Certificate because they have not gained sufficient DP sea time.

### UPON COMPLETING ANY OF THESE COURSES, THE PARTICIPANT WILL:

- Have an ability to operate and carry out maneuvers by using the system in different DP modes.
- Understand the demands set by different DP operations.
- Be familiar with DP alarms, warnings and emergency procedures.
- Be able to plan and conduct a safe DP operation.



The Dynamic Positioning training at Aboa Mare gave me a solid career start in the offshore industry.

**Jenny Kolvunen**  
**DP course participant**





**Become a Maritime Professional  
at Campus Aboa Mare in Turku**

#### BACHELOR DEGREE PROGRAMMES

- Sjökapten (YH), 270 ECTS, in Swedish
- Bachelor of Maritime Management, Maritime Management, Captain, 270 ECTS
- Bachelor of Engineering, Maritime Technology, 270 ECTS

#### MASTER DEGREE PROGRAMMES

- Master of Engineering/ Master of Maritime Management, Maritime Management, 60 ECTS
- Master of Engineering, Autonomous Maritime Operations, 60 ECTS

*Masters requires two years of work experience after your Bachelor Degree*

**novia.fi  
aboamare.fi**

**NOVIA**  
UNIVERSITY OF APPLIED SCIENCES



# COMBINED BRM & ERM SIMULATOR

This course provides simulator training in critical situations and focuses on the cooperation between deck and engine officers onboard ships.

## COMBINED BRM & ERM SIMULATOR COURSE

### STUDENT PROFILE:

Nautical deck and engineering officers.

### UPON COMPLETING THIS COURSE, THE PARTICIPANT WILL:

- Understand the importance of good communication.
- Be familiar with both bridge and engine company procedures.
- Know how to react in critical situations.
- Be prepared to take action.
- Be able to manage the ship's operational team.



We implement tailor-made resource management training where the entire crew is training to be prepared for critical situations. Aboa Mare has delivered this training to our full satisfaction and it has been highly appreciated by our crew.

**Daniel Pantzarfelt**  
**Safety and Traffic Manager, DPA/CSO**  
**Destination Gotland**







# SECURING GROWTH THROUGH COMPETENCE

Training that makes a difference!

Bldgs. 2082 / 2083 Corregidor Highway Ilanin District SBFZ, 2222 / Phone: +63 47 252 6402 / sales@gigamare.com



[gigamare.com](http://gigamare.com)





# ABOA MARE ABROAD

**Providing education and training abroad is one of the core business areas of Aboa Mare.**

Shipping companies have the possibility to train crew at Aboa Mare, Finland and at GigaMare, Philippines. This gives our customers the flexibility to train their crew in accordance with the same standard in Europe as well as in Asia. Aboa Mare courses at GigaMare lead to Finnish course certificates in accordance with Aboa Mare quality procedures.

Aboa Mare and Gigamare cooperate on online material, 3-D ship models and animations for on-site and online courses.

**> [Gigamare.com](http://Gigamare.com)**

Through a cooperation with GMC Maritime Training Center & Maritime Academy in Greece, we can offer study programmes in English at GMC, leading to Finnish watchkeeping officer deck and engine certificates. The quality of the studies and student progress are controlled by Aboa Mare's quality system. The watchkeeping officer deck and engine programmes and facilities are audited by The Finnish Transport and Communications Agency, Traficom. Aboa Mare short courses can also be delivered at GMC training centers.

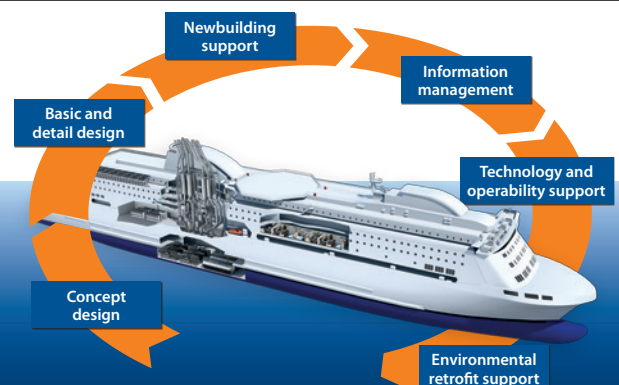
**> [Gmcmaritimecenter.com](http://Gmcmaritimecenter.com)**

We cooperate with KIMFT (the Korea institute of maritime and fisheries technology) in the K-Move program to improve Korean ship deck and engine officers' employment abroad.



*50 years!*

[www.elomatic.com](http://www.elomatic.com)





# Remote Operation Center, ROC

## for modern training, testing and research

The increasing amount of automation and remote work in the future will also influence the maritime industry and change the nature of people's work. This has a direct effect on maritime education, as the skills and knowledge needed in shipping change and develop.

Aboa Mare's Remote Operation Center (ROC) is a top-notch research and educational platform. It enables the research and training of best practices for maritime professionals, related to everyday tasks, situation awareness, emergency procedures, teamwork and leadership skills. It also works as a modern testing platform for maritime operators and technological innovations.

The Remote Operation Center is a part of Aboa Mare's simulator network and can be connected to real vessels for research and testing purposes.



Aboa Mare and Brighthouse Intelligence have together developed a remote operation center for use in a simulator environment. The ROC enables research and development of future digital shipping solutions in maritime operations and vessel technology.

**Markku Sahlström**  
**Managing Director**  
**Brighthouse Intelligence Oy**





# TRAINING FOR AUTHORITIES

- International Search and Rescue, SAR
- Pollution Response Supreme
  - On Scene Commander, OSC
- Maritime Border Surveillance Officer
- Simulator Training
- Vessel Traffic Service, VTS
- Maritime Cyber Security

We offer authorities added value through our experience from merchant shipping training and R&D projects.

## INTERNATIONAL SEARCH AND RESCUE, SAR COURSE

### STUDENT PROFILE:

Captains, chief and deck officers.

### UPON COMPLETING THIS COURSE, THE PARTICIPANT WILL:

- Understand the current guidelines set in the IAMSAR Manual Vol. III.
- Know how to undertake the duties and responsibilities as an OSC and be able to lead as OSC within typical SAR Missions.
- Be able to organize and lead constructive debriefing discussions.



The Finnish Border Guard and Aboa Mare have been training partners in numerous training projects. The flexibility and professionalism of Aboa Mare has always been important for us.

**Sami Järvenpää**  
**Maritime SAR Adviser**  
**The Finnish Border Guard**





# TRAIN THE TRAINER

Participants receive the knowledge, skills and understanding to plan, organize and deliver training on board ships or ashore.

## TRAIN THE TRAINER COURSE

### STUDENT PROFILE:

All land and sea based personnel delivering training.

### UPON COMPLETING THIS COURSE, THE PARTICIPANT WILL:

- Understand how to plan, organize and deliver maritime training.
- Be familiar with the training requirements of STCW, SOLAS, MARPOL, ISM and ISPS Code.
- Know how to conduct a training session.
- Be prepared to use different teaching methods.
- Be able to analyze, use and give feedback.
- Learn standard operation procedures and checklist evaluation.



I was given the task to find a competence-based training and assessment method for our VTS personnel. My problem was solved by Aboa Mare's hands-on training solution, which met all our needs.

**Mika Halttunen**  
**Training Manager**  
**Vessel Traffic Services Finland**



## Wärtsilä Land & Sea Academy

# SHARING KNOWLEDGE IS OUR PASSION

WLSA offers standard, installation specific and fully tailored courses for the marine and energy industries; enabling increased competence and easy access to knowledge. Find more about our training services at

[www.wartsila.com/wlsa](http://www.wartsila.com/wlsa)





# ONBOARD TRAINING

Today's cadets are tomorrow's chief engineers and captains.

By investing in people shipping companies develop exceptional talent. A cadet cooperation is a solid way for shipping companies to prepare future officers to become qualified and prepare them for a successful career.

Some of our partners offer cadet programs with separate application processes. We are e.g. the only Finnish Maritime Academy selected by Royal Caribbean and TUI Cruises for their cadet program.

## AN ABOA MARE CADET HAS RECEIVED TRAINING:

- On different vessel types
- Throughout the year
- On navigating on narrow and challenging routes
- On navigating in all kinds of weather conditions



Mercy Ships has partnered with Aboa Mare for several years and we are consistently satisfied with the level of reliability, positive attitude, and work ethic of the many apprentices from Aboa Mare who have completed their onboard training on our vessel, the Africa Mercy. We hope to continue our partnership for years to come!

**Heather Peterson**  
**Senior Director of Talent Acquisition**  
**Mercy Ships**





# BRIGHTHOUSE

## INTELLIGENCE



Secure situational awareness systems  
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Tailored to the customer's needs with latest sensor,  
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**WE FOCUS ON TRAINING,**  
SO YOU CAN FOCUS ON BUSINESS.

**Simulation and innovation  
are the cornerstones  
of our training and R&D success.**

Explore more training possibilities:  
[www.aboamare.fi](http://www.aboamare.fi)

Aboa Mare Maritime Academy and Training Center  
Juhana Herttuan puistokatu 21  
FIN-20100 Turku Finland  
[maritime@aboamare.fi](mailto:maritime@aboamare.fi)

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