

Why were these videos produced?

Part of the OCEAN Project's initiative is to advance maritime education and training by addressing gaps in maritime navigation and situational awareness. We do this by providing innovative, high-quality resources to enhance the skills and knowledge of maritime professionals worldwide.

Bridging training gaps with cutting edge resources

The OCEAN Project's free training videos were developed in response to identified knowledge gaps and represent a significant advance in maritime training, promoting industry best practice. A collaborative and comprehensive approach, including extensive academic research, interviews, surveys, and workshops pinpointed seven key areas where existing MET could be enhanced to better prepare seafarers for contemporary challenges.

Engaging and Informative Training Tools

These free training videos are designed to be both engaging and informative, blending storytelling with real-life scenarios, high-quality visuals, and practical examples. They aim to captivate the maritime audience while delivering essential knowledge and insights effectively.

Accessible Anytime, Anywhere

The training videos are available on the [OCEAN Project's YouTube channel](#), ensuring easy access for mariners, companies, MET institutions, Flag States, and industry stakeholders. This platform allows for quick distribution, automatic updates, and the ability to reach a global audience. The training videos can also be downloaded for offline viewing, ensuring accessibility even without internet access.

Promoting Safety and Efficiency

By integrating these resources into your training programs, maritime professionals can enhance your preparedness for contemporary challenges, improve safety and efficiency, and foster a culture of continuous improvement and collaboration.

ACCESS and DOWNLOAD

To access the FREE training videos visit our [YouTube channel](#)

Authorisation Consent Form (for copyright protection): [Access here](#)

Seven Key Focus Areas

Automatic Identification System (AIS) Reliance in Maritime Navigation: Addressing the complexities of AIS usage and emphasizing the need for better understanding of the system.

Even advanced technology comes with limitations.

Although AIS is a very useful tool, one should not overestimate its capabilities.

It is important that AIS data is combined with information from other navigational tools as part of maintaining a vigilant lookout by all available means.

Watch this training video to learn more about how to make best use of AIS while avoiding the potential hazards linked to excessive reliance on it.

Enhancing Awareness of Whale behaviour & Protecting Whales from Ship Strikes:

Promoting sustainable navigational practices to prevent ship-whale collisions.

Understanding the marine ecosystem and helping seafarers understand whale behaviour can significantly reduce the chances of incidents and accidents.

By observing and accurately recoding whale behaviour and migration patterns, we can better understand how to minimise the risk of collisions. This data will help create training courses to foster a cultural shift within the maritime community.

Watch this training video to learn more about mitigating whale ship strikes and what protective measures we need to take to protect these marine giants.

Improving visual perception when at sea Improving seafarers' ability to interpret and understand their visual environment for better situational awareness.

To fully meet to the requirement for visual lookout mandated by STCW chapter 8 (watch standing) and COLREGS rule 5 (lookout), it is important that seafarers have a comprehensive understanding of the maritime environment. This means and being able to interpret visual scenes accurately while at the same time relating them to navigational instruments and charts.

To achieve this level of competence requires continuous practice. The employment of visualisation techniques will make it easier to navigate successfully through unfamiliar situations.

Watch this training video to learn about practical exercises which will improve your visual perception and further develop your cognitive skills, all essential for safer navigation and improved situational awareness.

Understanding Situational Awareness: Focusing on the understanding of situational awareness to ensure effective training.

Situational awareness is essential for maritime operations, especially navigation. Understanding the immediate surroundings is vital to being able to predict challenges and make informed decisions in complex navigational scenarios.

Real-life examples will clarify the definition of situational awareness, explain the impact of factors such as system capability, interface design, complexity of automation and stress, and inspire seafarers to constantly observe and understand their environment in order to make informed decision.

Watch this training video to learn more about how situational awareness applies to your role, how it enhances your understanding of everyday situations and how it helps you in identifying and managing potential hazards while promoting a safer and more efficient working environment.

Effective Communication: Highlighting the importance of clear and effective communication in diverse and dynamic maritime settings.

Effective communications at sea have a direct positive effect on the safety and efficiency of maritime operations. It's not only speech that matters but also language tones, body language, and technology integration. All this is reinforced by the use of closed-loop communication.

Practical real-life examples are used to demonstrate effective communication principles such as clarity, concision, correctness, coherence, completeness, and openness to feedback. We also look at common barriers to communication such as cultural differences, personality traits, noise, and gender-based issues.

Watch this training video to learn more about effective communication principles, communication barriers, conflict resolution strategies and collaborative decision-making to create a safer and more effective workplace in the maritime industry.

Assertiveness and Leadership: Introducing techniques and strategies for effective leadership and assertiveness in maritime operations.

Effective leadership is essential to create functional relationships, build trust and foster cooperation among seafarers of diverse backgrounds who work together for extended periods of time at sea.

We explore different leadership styles and their appropriate use depending on the situation. Practical examples are used to introduce valuable techniques such as PACE, the 5-Steps

Assertiveness Statement and the important five stages of planning. All these help to achieve a more effective, safer, calmer and happier working environment while at sea.

Watch this training video to learn more about the fundamental importance of leadership in the maritime industry and how to promote a culture of safety, collaboration and effective decision making.

Human-Centred Design and Ergonomics: Advocating for better design and ergonomics to enhance safety and efficiency on board.

Inadequately designed systems and poor ergonomics can have an impact on work performance and even lead to accidents. It is important to understand and report such issues at the earliest stage possible and provide feedback when an opportunity arises.

Watch this training video to learn more about the importance of user feedback during the design and testing stages that will improve human-centred design, ergonomics and usability. This approach will foster a culture of continuous improvement, it will enhance safety and will improve the overall working conditions on board.