



Safe Navigation in **Confined Waters**

1. Introduction

This course will teach you the basics of passage planning and the confined water pilotage in preparation for your next voyage. One of the most vital safety aspects while navigating the vessel is your ability to identify the dangerous areas

accurately. Subsequently, you must be able to properly execute the voyage and stay well clear of such high-risk areas. Your ability to carry out these tasks is paramount in ensuring the safety of the vessel and the crew.



Duration

Course duration: 2 hours.
Course access: 3 months .



Flexible Learning

This course is available online, any time of the day and at your own convenience.



Certificate Validity

The validity of the certificate issued upon the successful completion of this course is indefinite.



Need Support?

We are here to assist throughout the course.

2. Target Audience

This course is suitable for all ranks of bridge officers including:

Cadets

Who wish to connect their theoretical knowledge with real-life scenarios

Officers

Who want to refresh what they learn when they acquired their CoC.

Masters

Who want to have a fresh view on modern techniques of navigation in confined waters.

3. Prerequisites

Basic nautical knowledge is the only prerequisite for this course.

It is not necessary for you to have a CoC as a navigational watch officer, however, an understanding of terrestrial and electronic navigation, especially the basic knowledge of

ECDIS is strongly recommended. Additionally, practical experience onboard is an advantage, as this can help you make full use of the scenarios included in the course.

4. Learning Objectives

The objectives of this course are to provide you with sufficient knowledge delivered through carefully selected practical scenarios, to correctly carry out passage planning and execute safe navigation in confined waters.

The course places everything into the context of a modern bridge and offers you real-life scenarios to provide the ultimate 360° view of the topic.



5. Course Structure

Safe Navigation in Confined waters is broken down into three core modules with the following sub-topics:

Module 1

Basics of Passage Planning

- 1.1 Tidal Information
- 1.2 No-Go Areas
- 1.3 Clearing Lines
- 1.4 Leading Lights

Module 2

Digital Passage Planning

- 2.1 Passage Planning Preparation
- 2.2 ECDIS vs Paper
- 2.3 Turn Radius

Module 3

Confined Water Pilotage

- 3.1 ECDIS Predictor Function
- 3.2 Parallel Index Lines
- 3.3 Anchoring and Anchor Watch using ECDIS

6. Learning Outcomes



Basics of Passage Planning

The basics of passage planning will enable you to correctly evaluate tidal information, judge where no-go areas are required and create them accordingly. It will also allow you to make good use of clearing lines in confined waters, as well as use existing leading lights for quick and safe position cross check.



Confined Waters Pilotage

The module "Digital Passage Planning", will teach you the need-to-know details about the preparation of such a plan, a comparison between classic paper charts and the ECDIS, as well as guide you on how to correctly include a vessel's turn radius in the planning phase.



Basics of Passage Planning

Completing this module will familiarise you with advanced predictor functions on the ECDIS, to increase turn safety, parallel index line procedures and the usage of anchor watch tools.

9. Product Data Sheet: Safe Navigation in Confined Waters

Modules	Module 1: Basics of Passage Planning Module 2: Digital Passage Planning Module 3: Confined Water Pilotage	
Duration	3 months	
Timeframe	Approx. 1hr, 15 min	
Language	English	
Assessment	TestMe Daily Attempts: 3 Min % of progress on GuideMe to access TestMe: 70% Min % of passing the TestMe: 90% Total test time: 45min	
Price (Excl. VAT)	60,00 €	
Approval	-	
Features	GuideMe, TestMe	
Certificate	Yes (Indefinite)	
Prerequisites	Basic nautical knowledge is the only prerequisite for this course	
Educational Objectives	Refresher of knowledge needed in everyday navigation.	
Target audience	OOW (Officers of the Watch)	
Strong Authentication	No	
Technical Requirements	<p>Browser: Chrome, Firefox, Internet Explorer, Safari, Edge.</p> <p>Operating Systems: Windows 8 or higher with latest updates installed</p> <p>MacOS 10.12 Sierra or higher with latest updates installed</p> <p>Apple iOS 11 or higher with latest updates installed</p>	<p>Internet Connectivity: We recommend the usage of wired internet connection. Please note that connection via mobile internet is also possible, however, it is considered highly unstable and might cause failure of your exam</p>