

ABB Marine Academy course description

H922 - OCTOPUS-Onboard Basic

Course goal

This course prepares deck officers for using OCTOPUS system in the most efficient and effective way

Learning objectives

Upon completion of this course the participants will be able to:

- Explain the OCTOPUS system architecture and identify the functions of its components
- Create a new project and configure basic OCTOPUS functions
- Configure virtual points for measurement
- Design graphs for outputting the required data in real time
- Understand the basics of vessel motions, velocities and accelerations
- Maximize the quality of input data for the system
- Accurately translate the system output into a clear advices
- Implement and understand criterions
- Troubleshoot most common basic problems
- Give the on-site introduction of the system

Contents

- Introduction to vessel motions
- Benefits of having OCTOPUS
- OCTOPUS system architecture
- Typical interfaces (manual and automatic)
- Data types
- Creating and importing new projects
- OCTOPUS user interface
- Polar diagram
- Responses
- Weather windows
- Measurements
- Statistics operators
- Real time graphs
- Time traces
- Alarms and warnings
- Virtual points
- Data sharing based on weather forecast
- Data logging
- OCTOPUS Fleet Management System

Methods

- Instructor led course with interactive classroom discussions and associated workshop exercises
- Approximately 25% of the time is used for practical exercises



Student profile

The training is targeted to ship officers, project engineers and cargo superintendents

It is also beneficial for sales specialists to follow this course in order to get the inside knowledge before offering OCTOPUS

Prerequisites

The students shall have a basic understanding of vessel operations and marine terminology

Participants can meet our prerequisites by attending one of our e-learning courses

Duration

1 day (8 hours)

Venue

Rotterdam

Additional information

When the complete classroom originates from one company, specific cases (based on the client operated vessels) will be presented and discussed

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Course outline

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Day 1

- Introduction
- Presentation: User interface
- Presentation: Functionality
- Configuring projects
- Troubleshooting
- Practical exercises