

H921 – ABB Ability™ Marine Software - OCTOPUS OFFICE

This course prepares project engineers and naval architects for running valid analyses and using their results for various purposes including importing them to OCTOPUS Onboard.

Learning objectives:

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

- Operate the OCTOPUS OFFICE software in the most efficient way
- Understand its capabilities and functionality
- Identify potential errors and solve them
- Know how to use the extension modules and prepare the input in order to maximize the output accuracy

Contents:

- Creation of 2D and 3D hull models
- Modification of existing hull models
- Creation of 2D hydrodynamic databases
- Creation of RAO's based on a 2D/3D hydrodynamic database and loading condition
- Creation and import of loading condition
- Creation and import of sea states
- Automatic selection of best matching sea state dependent RAO with sea state in short term statistic calculations
- Calculation of design criteria which can be used in OCTOPUS Onboard
- Creation of reports
- Export of results

Methods:

Presentation

Hands-on exercises using software

Duration: 1 day (8 hours)

Student profile:

All personnel using OCTOPUS OFFICE, naval architects, project engineers, nautical superintendents, maritime students.

Prerequisites:

At least basic knowledge of vessel motions and marine terminology; Strong analytic skills

Venue:

- Rotterdam, Netherlands
- Customer site

Additional information:

Maximum 6 participants.

