

H865 – SAMI Megastar Marine Drive

The goal of this course is to teach students to operate, maintain and trouble-shoot Megastar W in marine applications. Students will learn how the Megastar is connected to the vessel automation system.

Learning objectives:

The goal of this course is to teach students to operate, maintain and trouble-shoot Megastar W in marine applications. Students will learn how the Megastar is connected to the vessel automation system. The training covers the following types and constructions:

- SAMI Megastar W – single/parallel drive
- Drives with APC-controller

Contents:

- Safety procedures while working on the drive
- Hardware and software overview
- Component and board functions
- Reading and interpreting circuit diagrams and part lists
- Control panel functions
- Preventive maintenance
- Fault tracing
- Replacing HV – components
- Using the PC-tools for the Megastar

Methods:

Workshop with presentations and demonstrations held in classroom; Perform tests and measurements on a fully equipped demonstration drive.

Duration: 4 days

Student profile:

Marine engineers and electro-technical personnel at the operational and management level.

Prerequisites:

Marine Power Plant Basic for Technical Staff and Marine High Voltage Safety course from ABB Marine Academy or similar knowledge is advisable.

Venue: Vaasa, Finland

Additional information:

Minimum 6, maximum 8 participants.