

# H880 – Azipod® DO Technical Training

This course provides a deeper understanding of the Azipod® propulsion systems, and how to operate, maintain and troubleshoot the system components.

**Learning objectives:**

Upon completion of this course the participants will have advanced knowledge of Azipod® DO system, understand the functioning of propulsion and drive control, operate and maintain ACS880 Azipod DO drive systems, and trace and correct basic faults.

**Contents:**

- Azipod DO propulsion system structure
- Drive control and electrical steering gear
- Construction and function of ACS880 single drive and ACS880LC drive
- Fault tracing methods, exchanging the parts and modules
- Theory and exercises on the drive and controller PC tool programs
- Factory visit

**Methods:**

Lectures and demonstrations; Workshop exercises with demo equipment; Manual exercises; general, propulsion, maintenance.

**Duration:** 4 days

**Student profile:**

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

**Prerequisites and recommendations:**

Participants should have attended the Marine Power Plant Basic for Technical Staff from ABB Marine Academy.

**Venue:** Helsinki, Finland

**Additional information:**

Minimum 6 participants and maximum 8 participants.

