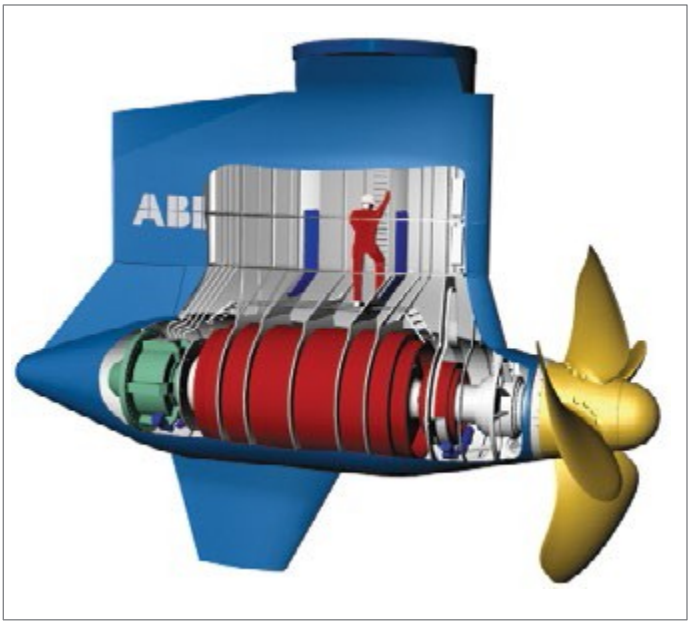
ABB Marine Academy course description
H850 – Azipod® space safety

Course goal
The aim of this course is to foster an awareness of the risks and hazards involved in working in and around the Azipod unit space, to learn how to deal with these risks and to improve the readiness in the case of an emergency.



Learning objectives
Upon completion of this course the participants will be able to:
- identify the different hazards risks and the possible consequences when working inside the Azipod unit´s space
- enter and work safely inside the Azipod unit space
- understand the duties of confined space personnel (Entrant, Attendant, Supervisor and Rescuer)
- attend an Entrant during normal entry
- assist during an emergency

Contents
General topics
- Azipod propulsion as an engineering system
- Occupational risks with Azipod propulsion
- Confined space regulation
- Duties of involved personnel
- Typical Azipod unit entries and entry procedures
- Traumatology (First Aid in a confined space)
- Rescue operations
- Use of protective equipment required for safe entry (different PPE, fall protection etc.)
- Entry to the Azipod space-simulator
- Evacuating an injured person from the Azipod space-simulator
- Rescue action plan for the Azipod space-simulator
- Climbing equipments for Azipod

Methods
Lectures, group discussions and group work
Exercises in simulated space

Student profile
All deck, engine and electro-technical personnel responsible for the Azipod entry operations and those personnel who conduct Azipod unit space maintenance.

Prerequisites
Satisfactory health condition to work inside a confined space.

Duration
3 days

Venue
Helsinki and Lohja, Finland

Additional information
Minimum 4, maximum 6 participants.

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Course outline

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Day 1

- Course overview
- General safety versus confined space safety
- Azipod propulsion as an engineering system
- Four hours of First Aid by Red Cross instructor

Day 2

- Practical exercises in the Azipod space simulator
- Normal entry
- Rescue

Day 3

- Final assesment