

# ABB Propulsion Products Service course description

## H903 - Diesel Generator Monitoring System Operator Course

### Course goal

The goal of this course is to train participants to operate, maintain and troubleshoot ABB diesel generator monitor system and understand the fault scenarios, which DGMS is designed to protect against.

### Learning objectives

Upon completion of this course, the participants will be able to locate hardware components, do basic hardware troubleshooting, navigate the DGMS user interface and analyze the DGMS alarm and event list and clearing trips.

### Contents

#### General topics

- Introduction to the marine power plant
- Introduction to DP class regulation
- Introduction to advanced load sharing faults
- ABB protection strategy

#### Hardware description

- ABB 800CM controller and S800I/O
- ABB PP835 touch panel

#### Operation

- Process panel operation
- Restoring PLC software
- Restarting PLC

#### DGMS

- Interpret alarm list
- Trips indications

#### Interpret event list

### Methods

Classroom lectures

Demonstration and practical lessons on DGMS simulator



### Student profile

Marine engineers and electro-technical personnel at the support and operational level  
Shoreside technical personnel at operational level

### Prerequisites

Participants should know the fundamentals of working generators

### Duration

1 day

### Venue

Singapore

### Additional information

Minimum 6, maximum 8 participants

On-site training is available on request

# H966 - Azipod® CARB and Compact DE Bearings Specialist Course outline

Course outline
Day 1
- Marine Power plant introduction
- DGMS introduction
- DGMS in depth

