

AZIMUTH THRUSTER, TYPE TCNS/TCNC

MAINTENANCE TRAINING



KONGSBERG

COURSE DESCRIPTION

LEARNING OBJECTIVES

After completing the course, the participants should be able to identify and define the design and functionality of the azimuth thrusters type TCNS/TCNC in order to utilise the system to an optimum.

The participants will be introduced to a detailed programme for preventive maintenance to promote reliable and efficient operation of the equipment.

TARGET GROUP

Technical and maintenance personnel working on board.

ENTRY REQUIREMENTS

No special requirements.

COURSE CONTENT

System description
General description of the TCNS/TCNC thruster systems including application and installation of the delivered propulsion unit; system design, functionality, operation and emergency procedures.

System operation

Overview of the TCNS thruster systems including reliable operation and long life of the equipment. The instruction will focus on and improve understanding and promote best practice related to hydraulic system design, functionality, oil types, sampling routines, system operation.

The participants will receive instruction on the basic principles of remote control before focusing on specific functions related to the delivered control system that include basic theory, system layout and components, external interfaces, propeller control functions (e.g. pitch control) and load control.

Practical training exercises on how to:

- Perform maintenance and service
- Fault finding
- Troubleshoot

Maintenance

- Daily, weekly and monthly onboard maintenance
- Utilising test equipment and proper tools
- Spares

LEARNING PROCESS

Theoretical lessons in classroom.

DURATION, 1-2 days

NO. OF PARTICIPANTS, Maximum 8

LANGUAGE

English if not otherwise agreed.

CERTIFICATE

Certification of attendance will be issued on completion of the course.

LOCATION

- Training Centre, Aalesund, Norway

BOOKING & INFORMATION

www.km.kongsberg.com/training

TERMS & CONDITIONS

All training to be provided by KONGSBERG is subject to customer's acceptance of the KONGSBERG Terms & Conditions for Training.