

## Target group

Competence update training course is developed especially for Electro-Technical Officers who have completed educational program before implementation of latest STCW requirements (In Latvia – before 01.07.2013).

## Objectives of the Course

The objective of this course is to amend knowledge, understanding and proficiency of electrical engineers to satisfy requirements of STCW Convention stated in Section A-III/6 of STCW Code.

## Approval

The course is approved by Latvian Maritime Administration in accordance with Section A-III/6 of STCW Code.

## Duration of the training course

The duration of Updating training for ship electro-technical engineers is 5 working days.

## Entry Standards

Trainees wishing to enter this course should have:

- Certificate of Competence as Electro-Technical Officer.

## Course contents

The Updating training for ship electro-technical engineers covers topics in the following subject areas:

- Monitor the operation of electrical, electronic and control systems;
- Monitor the operation of automatic control systems of propulsion and auxiliary machinery;
- Operate and maintain power systems in excess of 1000 volts;
- Operate computers and computer networks on ships;
- Maintenance and repair of automation and control systems of main propulsion and auxiliary machinery;

- Maintenance and repair of bridge navigation equipment and ship communication systems;
- Application of leadership and teamworking skills.

## Course limitations

The maximum number of participants – 20 persons.

## Training approaches and equipment

During training course theoretical lessons are given using PowerPoint presentations, practical tasks are conducted on the latest version of Engine Room Simulator developed by Transas – ERS 5000, practical automation equipment and computers and computer related equipment.