

Radar, ARPA, Bridge Teamwork and Search and Rescue at Management Level

Target group

This course is principally intended for candidates for certification as master or chief mate on seagoing ships.

Objectives of the Course

After completing this course will be able to make efficient and effective use of radar as a navigational aid in congested, confined waters, recognize potential threats and make valid navigational and collision-avoidance decisions based on sound radar observation and plotting in compliance with COLREG. They will be aware of the time needed to appreciate that a dangerous situation is developing, to decide upon and take appropriate action, and to ascertain that such action is adequate and does not give rise to further conflicts with other vessels. They will also realize that excessive speed in poor visibility reduces the time available to assess a threat and to take appropriate action. Ability to plan, organize and manage a bridge team, making use of all navigational data, will also be achieved. Successful completion of this course will also provide ability to respond to, co-ordinate and execute a search and rescue operation *IAMSAR*.

The program meets the latest requirements of STCW Convention and IMO Model Course 1.08 “Radar, ARPA, Bridge Teamwork and Search and Rescue”.

Approval

The course is approved by Latvian Maritime Administration.

Duration of the training course

The duration of the training course is 4 working days.

Course contents

Course covers the following topics:

- Operate ARPA and Navigation Controls;
- Perform Radar Plotting;
- Use ARPA and Navigation Information to Control;

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- Plan and Coordinate Search and Rescue.

Course limitations

The maximum number of participants - 9 persons per one group.

Entry Standards

Trainees wishing to enter this course should have:

- Certificate of Competence as officer in charge of a navigational watch and should present appropriate diploma/certificate according STCW A-II/1 with 12 months sea time
- Certificate of completed “Radar Navigation, Radar Plotting and Use of ARPA” course according IMO model course 1.07, according STCW A-II/1

Training approaches and equipment

During training course theoretical lessons are given using PowerPoint presentations, practical tasks are conducted on Transas NT Pro 5000 ECDIS simulator with the latest software version installed.