

# SOLAS Safety Radio

Delivery Method: eLearning || Duration: 1 hour || Course Fee: 200 €

Category: Class & Statutory

Available languages: English

## Certificate

On completion of the training program, the student will be awarded:

- A Certificate of **SOLAS Safety Radio**, issued by Bureau Veritas Solutions Marine & Offshore.

The Certificate of **SOLAS Safety Radio** is obtained after completion of the course and passing the online test.

## Presentation

This training course provides a general overview of the SOLAS requirements concerning radio communications and the Global Maritime Distress and Safety System (GMDSS).

## Whom the course is for

The course **SOLAS Safety Radio** is aimed at anyone interested in understanding the requirements established by the SOLAS Convention concerning radio communication on board ships and offshore units. This may include Ship Managers, Technical Superintendents, Ship Masters, Officers and Seafarers; Offshore Units Operators and Technical Staff, Shipyards Technical Staff; Surveyors; P&I and/or Insurance Inspectors; Etc.

## Objectives

On completion of the training, students will be able to:

- Know the requirements concerning radio communication equipment on board ships and offshore units.
- Understand the GMDSS functional requirements.
- Understand the means required for GMDSS tests and drills on board.
- Know the requirements for EPIRB, radio lifesaving appliances and sources of energy for radio communication equipment.

## Program

- Safety radio surveys and certification
- GMDSS functional requirements
  - Land and satellite communications
  - Inmarsat
  - Functional requirements while at sea
  - Distress urgency and safety radio communications
  - Sea areas
  - Maintenance of radio installation
  - Maintenance of satellite EPIRB
  - Maritime safety information
- GMDSS equipment
  - Equipment to be provided on board
  - Core installation
  - Inmarsat EGC
  - NAVTEX
  - Satellite EPIRB and VHF EPIRB
  - Search and Rescue Transponder (SART)
  - Digital Selective Calling (DSC)
  - Two-way VHF radio-telephone
- Main, emergency and reserve sources of power
- Automatic battery chargers
- Uninterrupted power supply (UPS)