

# Trouble Shooting Reefer Course

*A reefer container course aimed at ships' engineers.*

## Scope:

This course is intended for ships' engineers who are responsible for the operation of the refrigerated containers on board ship. The course is spread over three days., 9.30 a.m. – 4.30 p.m.

## Objectives:

Participants who successfully complete the course will have a working knowledge of how refrigerated containers work and will have the ability to carry out fault finding checks of integral container refrigeration and electrical systems.

## Certificates:

Participants who successfully complete the course will be issued with a course completion certificate.

## Location:

All courses are held at CRT's Training Centre at Cambridge.

A list of local hotels can be provided.

## Course Outline:

Expert tuition is given on four of the major reefer units currently in service, Carrier, Thermo King, Daikin, and Mitsubishi.

- Introduction to Reefer Containers
- Basic Refrigeration Systems
- Container Components
- Use of Refrigerants
- Electrical Systems
- Downloading of Monitored Information
- Cool/Heat Defrost Cycles
- Hands on Fault Finding in Refrigeration Systems
- Hands on Fault Finding in Electronic and Electrical Systems
- Pre-Trip, Self Diagnostics Tests
- Competency Tests and Course Completion Certificate



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