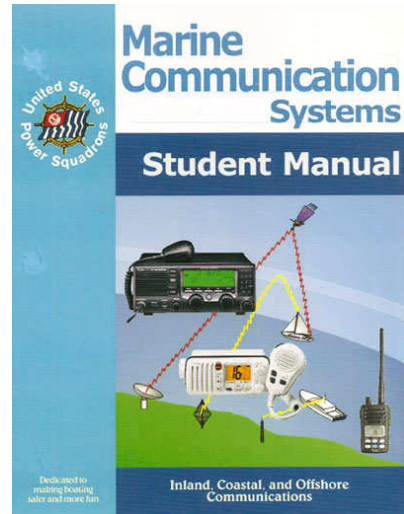


Marine Communications Systems ME102

Length: 7 Sessions which include a review and exam for the last class

Cost:

Marine Communication Systems is an in-depth, nine chapter review of those systems available to the recreational boater. Radio history and spectrum definitions are presented along with definitions of radio circuits that the student should learn, to choose the best communications method for his/her situation. There is a new chapter devoted to the Global Maritime Distress and Safety System (GMDSS) and a updated chapter on FCC Rules and regulations to set the stage for instruction of radiotelephone operating procedures (both voice and digital messaging are covered). The remaining chapters cover High Seas radio (an expanded section on MF/HF and a new section on satellite communications) and other marine communications systems such as Family Radio Service transceivers. There is also a new chapter on troubleshooting of radio installations. The chapter on Voice Radio Operations has been expanded and includes mini-scenarios and audio clips of both routine and emergency calling procedures augmented by in-class practice scenarios. A CD will be provide that contains all classroom Power Point slides, all audio clips use to demonstrate correct calling and testing procedures and an interactive Radio Tutorial from The Boat U.S. Foundation.



The chapter on Voice Radio Operations has been expanded and includes mini-scenarios and audio clips of both routine and emergency calling procedures augmented by in-class practice scenarios. A CD will be provide that contains all classroom PowerPoint slides, all audio clips use to demonstrate correct calling and testing procedures and an interactive Radio Tutorial from The Boat U.S. Foundation.

If it has been over five-years since you took ME102 you are encouraged to audit this class to update and expand your knowledge of Marine Radio Communications. Class duration is seven sessions which include a review and exam for the last class.

The instructor for this course is P/C Harl Porter.

Chapters are:

- 1 - Radio History and Communications Elements
- 2 – The Radio Frequency Spectrum Elements
- 3 – VHF Radio Communications
- 4 – Global Maritime Distress and Safety

5 – FCC Rules, Maritime Radio Licenses and the Radio Frequency Plan

6 – Radiotelephone Operating Procedures

7 – Long-Range Marine Radio Communications

8 – Other Marine Communications Systems

9 – Radio Maintenance

10 - Final Exam

Length: Seven sessions which include a review and exam for the last class