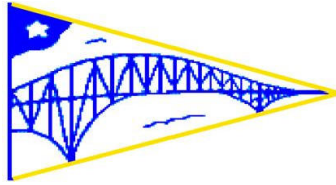


Port Huron Power Squadron



In Partnership with

YMCA of the Bluewater Area



***As part of Safe Boating Week
Presents Seminars on***

*Boating on Rivers, Locks, and Lakes
Onboard Weather Forecasting
Marine RADAR
Using VHF & VHF/DSC Marine Radio
Using GPS*

Seminar Location is the YMCA, Port Huron

7 May 2011

8:00 to 10:00am

Boating on Rivers, Locks, and Lakes

The United States has over 30,000 miles of improved waterways—some of the finest boating to be found anywhere. This seminar introduces boaters to this inland cruising world. The seminar deals with such varied topics as special navigation rules for rivers, the Western Rivers System of buoys and marks, river currents, “reading” a river, jetties and wing dams, the intricacies of locking through, and communicating with lock masters and bridge tenders.

10:00 to 12:00am

Onboard Weather Forecasting

Changing weather conditions can convert what was a delightful day on the water into a real challenge. Forecasting what weather you will encounter is one of the top priorities for safe boating. Should we go out? When should we come in? These are important questions, but some fundamental understanding of the weather can help you make these decisions. That’s what this seminar is all about. The seminar explains weather systems, how to understand clouds and their changes, using changing wind direction, temperature, and pressure to hone in on emerging weather fronts.

14 May 2011

8:00 to 10:00am

Marine RADAR

This seminar covers how radar functions, radar selection, operation of the radar under various conditions including setting of controls, display interpretation, basic navigation, and collision avoidance using radar.

10:00 to 12:00am

Using VHF & VHF/DSC Marine Radio

VHF radio is the mainstay of coastal communication and essential for emergency communications. Digital Selective Calling (DSC) is rapidly becoming a reality as more Coast Guard *Rescue 21 System* operations go live. Currently, the mid Atlantic coast is operational with DSC. The Gulf region will be operational early next year and all Cutters will be DSC equipped by next year. DSC vastly simplifies and improves rescue and routine call signaling – making it easier to make a call while the system frees up Channel 16 for essential communications. However, you need to know how to use it. This seminar answers those needs and explains basic VHF operation.

21 May 2011

8:00 to 10:00am

Using GPS

GPS has become a common tool for navigation. However using GPS on the water is distinctly different from a moving map display in your car. This seminar explains the principles of waypoint navigation which you will use. It then shows you how to relate the GPS to your charts which provide essential information about what is around you. The seminar also shows you how to operate your GPS – what the buttons do, what the screens show, and how to access the functions you need. You'll also get some tips for choosing a GPS if you don't currently own one.

10:00 to 12:00am

How to Use a Chart

Charts provide information essential to your safety afloat. Even with GPS and electronic navigation, the chart is needed to tell you what is around you and between you and your intended destination. A system of symbols is used by cartographers to tell you what lies below the surface of the water and the depths of water. There is key information about visible landmarks and navigation aids to help you navigate your course. The chart also is your link with the GPS via its grid scale, compass rose, and distance scales. A brief introduction to latitude and longitude provides insight to the operation of GPS receivers.

The seminars are offered at no cost to attendees.

Please contact Dick Haas at 810-320-6720 or dhaasphps@comcast.net (Preferred) for registration. Seminars are limited to 25 attendees.

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