

DRYA 2012 Winter Wednesday Seminar Series Overviews

Seminars start at 7PM

See DRYA Web Site for more information, updates, and potential winter weather changes

Seminar #1 Jan 4 SAILING PURE AND SOMETIMES SIMPLE

“Sailing, Pure and Sometimes Simple” is a selection of experiences that local sailors have enjoyed as they embrace this exciting and in some cases all-consuming sport. This first seminar of the 2012 series will feature four speakers:

- Barb Schmid and Charlie Todd were live-aboard cruisers on their 30-foot sailboat "Sayonara" in 17 countries over 11 years. You'll share the adventure of their first three years, from the whales of the St. Lawrence to the manatees in Florida; Maine, the Chesapeake, the Great Dismal Swamp, the Intra-Coastal Waterway; locks, tides and currents, peaceful anchorages and hurricanes.
- Stephen Hume, proprietor of Detroit Boat Works, and Susan McDonald, Archivist of the Crescent Sloop Class Association, are anxious to share their infatuation with this historic boat that was designed and built in Detroit and still has a spot in the Detroit racing community since its launching in 1953 as the first full-keel fiber glass boat in the world. The Crescent Sloop Class has competed in Detroit ever since and continues today with starts on Saturday and Tuesday race courses.
- Tim Metcalf, a USCG captain and Rear Commodore of The Doublehanded Sailing Association, asks: “Have you ever wondered what it would be like to sail an extended distance with only two, or maybe even one, person on the boat? Why would you want to do that in the first place?” This session will explore the answers to these and similar questions, with an emphasis on encouraging the audience to get out there and do it!
- **Lindsey** Vickers, a home grown sailor races on MSU's Sailing Team. She will describe her experiences racing in dinghy competition around the country in both conference and intersectional regattas. MSU is in the Midwest Collegiate Sailing Association, comprised of thirty five colleges and universities.

As sailors, experience what it is all about! Please join us for this free seminar which will be **hosted by the Grosse Pointe Yacht Club, 788 Lake Shore Road, Grosse Pointe Shores, from 7:00 – 9:00 PM on January 4, 2012.** The restaurant will be open ahead of time, accepting credit cards only. Beverage service will be available. The Spinnaker restaurant will also be available before hand for dinner and snacks. Credit cards only, please. The formal dress code will be waived.

Seminar #2 Jan 11 MARKS & OBSTRUCTIONS RULES MADE EASY

Rule 18 (Mark-Room) of the Racing Rules of Sailing is the longest rule in the book. Many sailors think it is the most difficult as well. You'll leave this seminar understanding rule 18 — all of it — and its companions, rules 19 (Room to Pass an Obstruction) and 20 (Room to Tack at an Obstruction). This informative and entertaining seminar will be led by Ted Everingham, an International Judge, US SAILING-certified Umpire and Senior Judge and past chair of the US SAILING Judges Committee. **Please join us for a joint DRYA and BYC event Wednesday, January 11, at 7:00 p.m. at Bayview Yacht Club, 100 Clairpointe, Detroit.**

Seminar #3 Jan 18 ZEN AND THE ART OF ENGINE MAINTENANCE

Engine Expert Paul Lee will follow up last year's educational and entertaining presentation with an emphasis on needing to understand the basics to enable you to effectively trouble shoot problems. Specific items to be discussed are: Understanding the cycles of an engine; Major components; Understanding the fuel system; Understanding the lube oil system; Understanding cooling and exhaust systems; Understanding the electrical system; The transmission; Engine to prop shaft alignment; Check lists/preventative maintenance system. **Join us January 18th at 7 PM at Great Lakes Y. C., 23900 Jefferson in St. Clair Shores**

Seminar #4 Jan 25 AN EVENING AT THE PLANETARIUM: MARS, LAKE HURON AND CELESTIAL NAVIGATION

This very special DRYA evening will be held in the recently upgraded, state-of-the-art, digital Wayne State University Planetarium. The planetarium uses a Spitz SciDome HD projector to provide a spectacular full dome experience for visitors. The group will be divided into two segments to see the special planetarium show, and to receive a primer on celestial navigation from members of the Power Squadron. Both will be presented twice.

The planetarium show will include a look at the dazzling winter night sky, along with currently visible planets and a number of spectacular winter nebulae. Visitors will enjoy the use of special diffraction glasses and be treated to a stunning multi-media presentation on Mars. This will be followed by a tailored presentation of what it's like to be sailing on Lake Huron to racing and recreational destinations and all of the magic and navigational information to be gleaned. The Power Squadron will provide a primer on sextants and practical celestial navigation. The planetarium presentation is **hosted by the Department of Physics and Astronomy at Wayne State** and will be presented by Professor Jeff Conn.

This will be no charge for this evening, but "Wilson" will be passed and all donations will be accepted. The Planetarium is located on the lower level of Old Main (corner of Cass Avenue and W. Warren Avenue) near the main, Cass Avenue, entrance to the building. There is signage near entrances to help direct visitors to the planetarium. There is plenty of street and nearby (pay) lot parking. Please arrive on-time. Watch the DRYA website and Facebook page for further information. For general information see: <http://planetarium.wayne.edu/about/index.php>

Seminar #5 Feb 1 PREPARING FOR AN AWAY REGATTA ... AND HOW THAT WILL MAKE YOU A BETTER RACER AT HOME

Racers with little travel experience and those who are champions, both home and away, will be able to learn important considerations in making one a confident and prepared champion. Com. Burton will also discuss the very important topic of two boat tuning, which for one-design sailors is the foundation of good boat speed. Also, DRYA C Course tips, along with the tactics to win a regatta in the final two races will be discussed. Bruce Burton is a Past Commodore of the Bayview Yacht Club, National and International Etchell's Champion, frequent lecturer on sailing topics, and is newly-elected

as a Director of U.S. Sailing. This presentation is a **special joint DRYA and BYC Seminar at Bayview Y.C., 100 Clairpointe, Detroit.**

Seminar #6 Feb 8 COMMON SAILING INJURIES AND A GLIMPSE AT THE FUTURE – TELEMEDICINE ON THE GREAT LAKES

Dr. Robert Welch, an avid sailor and forward looking emergency department physician from Wayne State University, plans on reviewing and up-dating the care of many common emergencies. But where is emergency care going? In the age of expanding communications the delivery of medical care is changing. Telemedicine is a reality but in its infancy. What are the futurists saying? What are the limitations? **Join us on Wednesday, February 8 from 7-9 p.m. at the Tompkins Community Center, 14900 Windmill Pointe Dr., Grosse Pointe Park, home of the Grosse Pointe Sail Club** to hear the latest.

Seminar #7 Feb 15 DEMYSTIFYING RATINGS

"De-Mystifying Rating Systems" will be presented by DRYA Chief Handicapper David Spiers and DRYA VC and Nautical Historian, David M. Coleman. The Holy Grail of any yacht rating system is the fair and equitable leveling of the playing field for often-disparate vessels.

The first part of the presentation will be a brief historical look at the evolution of sailboat rating systems. Professor Coleman will review the evolution of this concept from the first 'America's Cup' race, through the mighty J's. Included will be a discussion of Herreshoff's "Universal Rule" and the development of the alphabet classes (P, Q, R, and J) and the Meter Classes. The parameters from these early racing systems are precedent to today's and their evolution will be tracked descriptively and with visuals. The majority of the evening will briefly review the IRC, IMS, ORR and One Design handicapping systems and usage in today's yacht racing.

Then we will discuss in detail the PHRF System used by about 80% of the racers in the world today, as well as who administers the databases and how consistency is addressed. We will cover the US Sailing databases, standards and what items affect the rating and how we address them to give fair handicaps and racing across the many types of yachts racing today. Questions are welcome! Comments are expected. **The Detroit Yacht Club, on Belle Isle, will be our host for this seminar from 7:00 - 9:00 PM.** The Starboard Haven Lounge will be open with a limited (special) menu starting at 5:30 PM. Credit cards please; formal dress code has been waived for the evening

**Please note:
No Seminar Wednesday Feb 22, 2012
< Winter Break >
Seminars (8-12) resume Wednesday February 29, 2012.**

Seminar #8 Feb 29 LOCAL WEATHER FOR LIBERAL ARTS MAJORS

Pat Healy will build on his presentation last year, "Weather for Poets" a non-technical explanation of why there is weather and why weather patterns look the way they do, with another non-technical explanation of why local weather does what it does. This year's focus will discuss thunderstorms, lightning, lake breezes and review some of the best local weather sources.

Pat has served as head dinghy team coach at the Naval Academy. He was the Canadian National Sailing Coach leading the Canadians to five Olympic medals and twenty-two Pan American medals. In 1995 he ran the Louis Vuitton Cup for the America's Cup competition. He has been the marketing director for the Commanders' Weather Corporation, a private weather forecasting company supporting boats worldwide. Pat graduated from the University of Wisconsin with a bachelor's degree in Meteorology. **Join us on February 29, 2012, 7:00 PM at the Great Lakes Yacht Club. 23900 Jefferson, St. Clair Shores**

Seminar #9 Mar 7 A PRACTICAL APPROACH TO REWIRING YOUR SAILBOAT

Com. Skip Gmeiner and sons Ron and Stephen will build on last year's popular presentation on wiring in a sailboat. This presentation will quickly review last year's topics (new battery-saving LED navigation lights; changes in ABYC wiring requirements; and new ways to charge auxiliary batteries). From there they will provide practical information for the do-it-yourselfer; how to effectively re-wire with modern innovations; dealing with 110 VAC and 12 VDC systems, and grounding. The Gmeiners are well versed in this topic area as their commercial venture, SPEMCO, is a large distributor of nautical switches, indicator lights, circuit breakers and many other electromechanical items. **Join us March 7th at 7 PM at North Star Sail Club, 32041 South River Road, Harrison Twp.**

Seminar #10 Mar 14 SAIL MAKING FROM START TO FINISH

Sailmaking from start to finish will be an exciting and informative evening as Al Declercq and his team of sailmakers at Doyle, Detroit, will host us at their Harrison Township loft and take the group through the entire process from designing the sail to cutting it and then through every assembly step.

- Gluing the panels
- Laminating the seams
- Applying the corner reinforcements
- Applying the load path fibers
- Applying the Dacron corner reinforcements
- Applying the edge tapes
- Installing corner rings and finishing details
- Measuring the completed sail.

They will have 10 sails partially completed so that they can be working on actual sails at each stage of production. **Please join us from 7-9 p.m. at Doyle, Detroit, 24227 Sorrentino Court , Clinton Twp, MI 48035-3237 (586) 790-7500**

Seminar #11 Mar 21 UNDERSTANDING AND IMPROVING YACHT RESISTANCE ... AND WINNING MORE RACES

The focus of this presentation is to describe how hydrodynamic drag influences sailing-yacht performance. The hydrodynamic drag is conventionally broken into several components including wave, frictional, and induced drag. During the talk an overview of each of the components of resistance will be given with an emphasis on the relative importance of each component in different sailing conditions. This presentation will be by members of the University of Michigan's Naval Architecture Department including Professors Steven Ceccio, Robert Beck, Kevin Maki, and Armin Troesch. Among the faculty are several who are also seasoned sailboat racers as well as designers. **Please join us March 21st at 7 PM at Ford Y. C., 29500 Southpointe Road, Grosse Ile.**

Seminar #12 Mar 28 MODERN SAFETY AND SEARCH AND RESCUE TECHNIQUES AND RELATED ELECTRONICS

Coast Guard Lieutenant Justin Westmiller will speak on modern safety and search and rescue techniques including a review of how AIS impacts our safety on the water. He will address what to do when the helicopter is overhead and how to get the helicopter to come including transmitting calls for help using EPIRB and DSC.

Tim Metcalf will discuss Digital Selective Calling (DSC) and the familiar red "Distress" button. In order to take full advantage of this technology, boaters must ensure that their identity and location are available in the event of an emergency.

The discussion will be led by Tim Metcalf, a USCG licensed captain, experienced offshore sailor and racer, and the owner of a small business that sells, integrates and installs marine navigation electronics. Tim Metcalf is the Rear Commodore of the Double Handed Sailing Association. He has accumulated almost 13,000 offshore sailing miles.

Please join us March 28th at Port Huron Y. C., 212 Quay St., Port Huron