



# OCEAN NAVIGATOR SCHOOL *of* SEAMANSHIP



Newport to Bermuda  
September 21 - 28, 2014

Bermuda to Portland, ME  
September 28 - October 5, 2014



Philip Plisson



OLIVER HAZARD  
**PERRY**  
*Education at Sea*



## Come experience the ultimate offshore sailing adventure



Captain Richard Bailey, former captain and director of the 179-foot HMS *Rose* when it was the largest active wooden Tall Ship; *SSV Oliver Hazard Perry* replaces *HMS Rose* as the largest privately-owned, active Tall Ship with U.S. Coast Guard certification under the Sailing School Vessel Regulations for ocean voyages.

Hone your navigation, seamanship, and meteorology skills with Capt. Richard Bailey, and the Ocean Navigator School of Seamanship aboard *SSV Oliver Hazard Perry*. This exceptional partnership offers adventurous participants the experience of a lifetime. The result is Ocean Navigator School of Seamanship

curriculum taught aboard a piece of living history that links hundreds of years of tradition to modern time.

*SSV Oliver Hazard Perry* is a new 21st century Tall Ship

but her design is based on centuries of old tradition. Sail training participants of all ages who embark on her will carry on traditions dating back hundreds of



For more information click to email: [Tim Queeney](#) Click to register: [OHP Registration](#)



years while enjoying the safety and comfort of modern technology.

Participants will live aboard a true Tall Ship and work side by side with professional crew learning square-rig seamanship on the first ocean-going full-rigged ship to be built in America in more than 100 years. At 200 feet long she is the largest civilian sail training vessel in the U.S. and is equipped with a 130-foot rig, 14,000 square feet of sail, and six miles of rigging!

Everyone who sails aboard *Perry*

is a crewmember; under the guidance of 15 professionals, all hands are required to sail this magnificent ship! *SSV Oliver Hazard Perry* is Rhode Island's official Educational Sailing Vessel.

Aboard *SSV Oliver Hazard Perry* you'll learn the timeless skills of seafaring, including:

- Basic line handling
- Manning the helm
- Safety drills
- Vernacular of square-rig masts, yards and sails
- Square-rig evolutions
- Knots and splices
- Introduction to navigation
- Advanced sailing
- Working aloft





# Celestial Navigation



## RECOMMENDED READING

*Celestial Navigation in a Nutshell*  
by Hewitt Schlereth

*The Celestial Navigation Mystery Solved*  
by David Owen Bell  
(Landfall Navigation  
800-941-2219  
[www.landfallnavigation.com](http://www.landfallnavigation.com))

*The Sextant Handbook*  
by Robert Bauer

Presented by Ocean Navigator School of Seamanship at sea aboard SSV *Oliver Hazard Perry*, this seminar is a hands-on course covering basic celestial theory, sight reduction of sun, moon, planets, stars, and specialty sights of certain bodies, such as the noon sun sight and latitude by Polaris.

The class covers related topics such as time and time zones, sight planning, sextant accessories and offshore navigation plotting techniques, especially dead reckoning. Practical plotting of each kind of sight, as well as celestial running fixes, is covered in detail. Sextant use is discussed during class and sights are

taken at sunrise, sunset and during the day as each student's watch schedule allows. The emphasis is on practical use of celestial navigation, with plenty of pencil and paper work. You will get to reduce and plot dozens of your sights during the voyage, with numerous additional exercises, using H.O. 249 and H.O. 229 in conjunction with the Nautical Almanac. Students will find the Introduction to Celestial Navigation seminar to be a comprehensive, yet fast-paced, celestial navigation course.

Over the past 25 years, Ocean Navigator School of Seamanship alumni have navigated in Marion-Bermuda

routes (even won on occasion!) and have made numerous celestial-only ocean crossings.

A review of basic navigation concepts such as chart work, plotting, true to magnetic course conversion, DR, time/speed/distance, etc., is recommended.

Students should bring with them: (1) current Nautical Almanac (either blue or orange version), (2) Volumes 1 and 2 of H.O. 249, (3) parallel rules and dividers. Optional is Volume 1 of H.O. 229. Students are welcome to bring their own sextants or they can use the ship's sextants. Your instructor is Tim Queene, Editor of *Ocean Navigator* magazine.



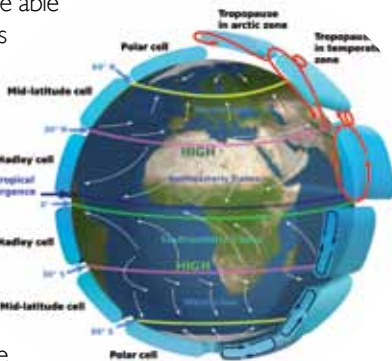
# Marine Weather



Presented by Ocean Navigator School of Seamanship at sea aboard *SSV Oliver Hazard Perry*, we discuss basic weather concepts and terminology, then relate those to the available charts for mariners. We find this approach better than a straight “chart reading” class as you will understand the structure of weather features and systems and will be able to use this knowledge to get much more out of the charts. By the end of the first two days, we will have gained sufficient knowledge to go live and look at many different

charts in real time (surface, 500 millibar; sea state, etc.) and relate these charts to the concepts we have discussed and talk about what they mean for the mariner. Thus you will learn weather concepts, weather systems, how these are shown on charts, and where to find and interpret the charts.

On the third and



fourth day, we will talk about more advanced weather concepts, particularly tropical

weather and this leads into the introduction of a completely new set of charts for that region. We will also discuss local weather phenomena that arise in certain parts of the world.

Through the week, there will be hands-on practical exercises where you will be able to use the charts and the culmination of the voyage is a voyage planning exercise using all available charts.

You will be provided with a 100-page customized instruction manual which supports the class and remains your weather tool for future voyages.

Your instructor will be Meteorologist Ken McKinley of Ocean Navigator School of Seamanship and Locus Weather Services, based in Camden, Maine.



Ken McKinley earned a bachelor's degree in Atmospheric Sciences from Cornell University and attended graduate school at MIT. In 1991 he founded Locus Weather. While he serves a variety of clients, a significant portion of the business is focused on the marine community. McKinley has provided weather routing services for many yachts worldwide.



## Life at Sea



A voyage aboard the Tall Ship *SSV Oliver Hazard Perry* is safe and it can be exhilarating. But while sailing aboard *SSV Oliver Hazard Perry* is an adventure, it is also comfortable: our professional chef prepares three fine meals each day, berths and cabins are comfortably furnished, and there is ample hot water for showers (although we must conserve our fresh water supply on longer passages). Accommodations are arranged in two-person state rooms or three-person cabin bunks.

*SSV Oliver Hazard Perry* has been designed with adult couples in mind. The ship has eight comfortable private staterooms each with two bunks allowing couples to room

together. Spouses are encouraged to take different training classes and often stand different watches so they each have unique experiences on the ship. The lessons learned in sailing the ship as well as in the celestial and weather classes help couples build sea confidence for their future voyages on their own boats.

Each individual participates to the best of their ability within the rotating watch system and the efforts of every member of the ship's company are vital to the voyage. No one is a passenger: everyone works together to help make the voyage a success. No prior experience is necessary; no extraordinary fitness is required. Suggested age is 18 and older.

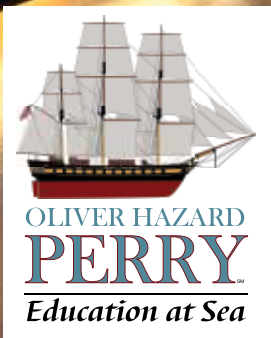
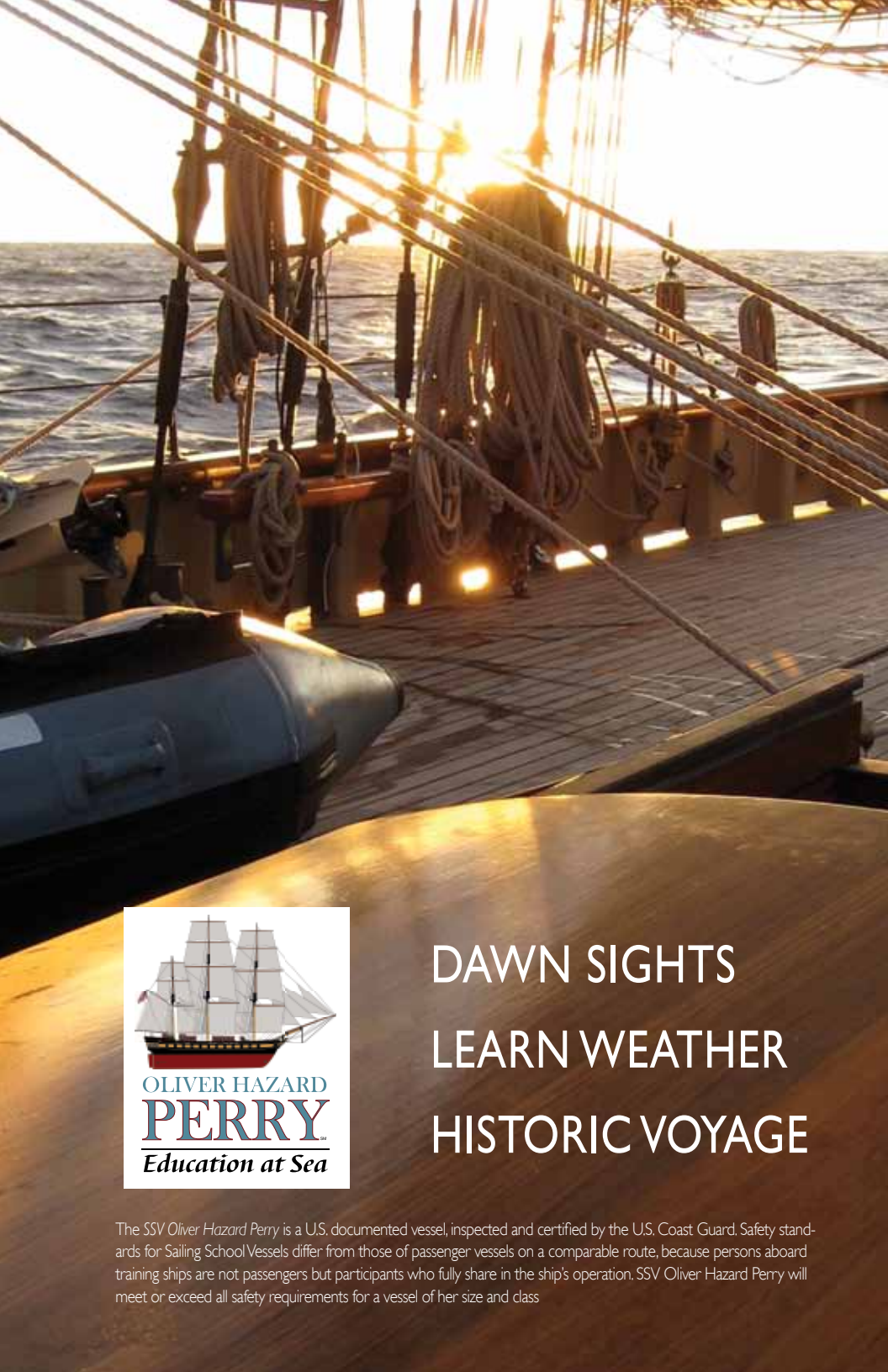
### **VOYAGE DATES:**

Sept. 21-28, 2014:  
one-week voyage sailing from Newport to Bermuda\*  
Sept. 28 - Oct. 5, 2014:  
one-week voyage sailing from Bermuda to Portland, ME\*

### **VOYAGE PRICES:**

\$3,100 per person per week (based on double occupancy in a private state-room en-suite heads)  
\$2,150 per person per week (in lower berthing area in multi-bunk cabins)  
This includes all meals and instruction, but does not include travel expenses to and from Bermuda if you only join for one week. Voyagers are welcome to join us for both legs of the voyage if space allows.

\* Please note these details could be subject to change



# DAWN SIGHTS LEARN WEATHER HISTORIC VOYAGE

The SSV *Oliver Hazard Perry* is a U.S. documented vessel, inspected and certified by the U.S. Coast Guard. Safety standards for Sailing School Vessels differ from those of passenger vessels on a comparable route, because persons aboard training ships are not passengers but participants who fully share in the ship's operation. SSV *Oliver Hazard Perry* will meet or exceed all safety requirements for a vessel of her size and class.