



Port Hadlock • Saturday, April 14 and Sunday, April 15

A chance for commercial fishermen and recreational boaters to learn to safely wire their boats and troubleshoot their diesel engines.

Marine Wiring and Diesel Engine Troubleshooting Workshops

This program is available to all without discrimination. To request disability accommodation, contact: 206.543.6450 (voice); 206.543.6452 (TDD).

Washington Sea Grant, based at the University of Washington, provides statewide research, outreach and education services addressing the challenges facing our ocean and coasts. The National Sea Grant College Program is part of the National Oceanic and Atmospheric Administration, U.S. Department of Commerce. *wsg.washington.edu*.

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Washington Sea Grant, Washington State University Jefferson County and the NW School of Wooden Boatbuilding are cosponsoring two workshops in Port Hadlock for commercial fishermen and recreational boaters: Marine Wiring and Diesel Engine Troubleshooting.

These two workshops will complement each other, providing the background in the Marine Wiring workshop the first day followed by the Diesel Engine Troubleshooting workshop the second day.

The **Marine Wiring** workshop is designed for boat owners who want to upgrade their vessels' electrical systems. Topics covered include:

- Safest wiring practices
- Selecting wire sizes
- Circuit breaker and fuse ratings
- Cable routing and labeling
- Shore power circuits
- Battery charging circuits
- Corrosion protection circuits
- Engine instrument systems
- Troubleshooting

Topics covered in the **Diesel Engine Troubleshooting** workshop include:

- Troubleshooting
- Maintenance of fuel
- Lubrication, electrical, cooling and exhaust systems in marine diesel engines.

When: Saturday, April 14, 2018
Marine Wiring
9:00 a.m. – 4:00 p.m.

Sunday, April 15, 2018
Diesel Engine Troubleshooting
9:00 a.m. – 4:00 p.m.

Where: Hammond Boat Shop Mezzanine
NW School of Wooden Boatbuilding
42 N. Water St.
Port Hadlock, WA

Fee: \$80 per workshop or \$120 for both

Register today Pre-registration required. To register or for more information contact Sarah Fisksen, 206.543.1225, or *sfisksen@uw.edu*

Marine Wiring and Diesel Engine Troubleshooting Workshops

- Marine Wiring* Saturday, April 14, 2018 *Diesel Engine Troubleshooting* Sunday, April 15, 2018 *Both Workshops* Saturday, April 14; Sunday, April 15

Name _____

Address _____

City _____ State _____ Zip _____

Email _____

Telephone _____

To register

Please return this form with your payment (\$80 per workshop, or \$120 for both) check payable to University of Washington, to:

Sarah Fisksen
Washington Sea Grant
West Wall Building
Rm. 124
Fishermen's Terminal
Seattle, WA 98199