



**Practice on the
Columbia River**

High Wind Sailing

Introduction

- Who is here? Why?
- Reason for Event
- What We Will Do

Wind

- Speed of Wind
- Force of Wind
- Apparent vs True Wind

Sails

- Sail Size
- Sail Shape
- Sail Combinations

Changing Sail Size

- Get Rid of a Sail – Sail Unbalanced
- Change to a Smaller Sail
- Reefing
- Sail Balance Implications
 - Weather Helm
 - Lee Helm

Reefing

- Headsail
- Mainsail
- Sail Balance

Changing Sail Shape

- Bernoulli Effect
- Pull Mode vs. Push Mode
- Flattening the Mainsail
- Headsail Car Placement

Other Considerations

- Tighten Leech Lines
- Pinching
- Traveler, Boom Vang
- Mast Bend
 - Backstay Adjuster
 - Staysail Stay Tension
- Running Backstays

Safety

- Inadvertent Jibes
- Staying on the Boat
 - Tethers

Heaving To

- For a break, rest?
- How?