Sailing Tidbits

* 4.3 depth on center instrument in cockpit is when boat grazes bottom.
* Prop walk appears to port in reverse. Therefore boat is starboard drive.
* From Herrington North it is ~2.5 hours to popular island in reasonable wind.
* Approx 3.16 knots from Herrington North to the red turn marker at Herrington South
* Think about weather helm and lee helm. Consider in context of other linked materials.

Raw links and knowledge

* Hull speed discussion
  + First half of video is amazing
  + <https://www.youtube.com/watch?v=NT8SGZ9S_uw>
  + Per the formula for hull speed:
    - Max knot speed =
    - The Catalina 40 should have a max hull speed of 7.8 to 8.0 knots
  + Note the waterline length is not the full length of boat
    - It is the length measured along the waterline from the forwardmost point the aftmost point of the hull.
    - Thus the 40 foot boat typically has a waterline length of around 34 ft per google
  + So the max hull speed we should expect is
* Right of way
  + A boat on starboard tack (wind over starboard) has right of way over a port tack.
    - The boat on port tack must give way.
  + If both boats are on same tack:
    - A boat leeward has right of way over a boat windward
    - The windward boat must give way
  + If a boat is overtaking another boat, the overtaking boat must give way to the boat being overtaken
  + The boat required to yield is the give-way vessel. The boat with right-of-way is the stand-on vessel.
  + Boats under power must generally always give way to boats under sail.
  + Boats with restricted maneuverability or engaged in fishing have specific right of way considerations.
  + Always choose to give way rather than collide.
* Rigging
  + Rigging for beginners #1: Sailboat rigging explained from standing rigging to running rigging
    - <https://www.youtube.com/watch?v=472zGgMl2X4>
  + Sailboat rigging for beginners #3: Reefing the mainsail
    - <https://www.youtube.com/watch?v=RLg-cRcEmBA&t=1s>
  + 3 ways to sail faster! Mainsail trim techniques
    - <https://www.youtube.com/watch?v=ClMisGS9WJg>
  + Learn to sail – Basic Sail Trim (including balanced sails)
    - <https://www.youtube.com/watch?v=FteHvGKfFTo&t=17s>
  + How to sail a spinnaker
    - <https://www.youtube.com/watch?v=OUakTKXdHmA>
  + Learn to sail – How to heave to
    - <https://www.youtube.com/watch?v=N592uJNKMyw>
  + Sail Anatomy
    - <https://americansailing.com/articles/understanding-sailboats-the-sails/>
    - Head, Luff… tack foot clew leech
  + Prop Walk, Prop Wash, Boat maneuvers in tight space
    - <https://www.youtube.com/watch?v=QgE40j0QoME>
  + Docking single handed in high wind
    - <https://www.youtube.com/watch?v=iBydj-lGSXQ>
* Whipping loops into halyard ends
  + https://www.youtube.com/watch?v=O-QzPup-ZNw