



# FHSC Working Jib



Friday Harbor Sailing Club

February 2023

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**Tuesday, March 7**

Board Meeting

**Wednesday, March 15**

General Club Meeting at the Grange



Won't be long before we are cruising again, see the Cruising plan on page 4.

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***Get involved and don't miss out on our fun club activities!!***

**Sign-up for your club activities on the**

**The club's website**

**[www.fridayhARBORSAILING.com](http://www.fridayhARBORSAILING.com)**

NOTE from your WEBMASTER: Make sure your email account has [fridayhARBORSAILING.com](http://fridayhARBORSAILING.com) as a whitelisted or trusted sender of emails so club communications do not end up in your spam file!!

*Report by Bill Severson*

## Inside Passage Decarbonization Project Presentation by Peter Wilcox At the February 15, 2023 Club General Meeting

The Inside Passage is a fragile and unique ecosystem that is being negatively impacted by the burning of fuels that contain carbon in large ships and small boats. The burning of carbonaceous fuels releases harmful pollutants such as carbon dioxide and black carbon into the atmosphere, which contribute to climate change. This can accelerate the melting of sea ice, which is having significant impacts on wildlife and sea level rise.

There are several ways that we as boaters can start to reduce our carbon footprint, a chart on the following page lists the top ten.

The most exciting idea is switching to Renewable Diesel. Instead of using petroleum based refined diesel fuel a new process using recycled wood and plastics produce this Renewable Diesel fuel which reduces the carbon content and eliminates all of the toxic chemicals found in our standard marine diesel fuel.

The standing room only group that attended Peter's presentation peppered him with questions, the bottom line:

- The Trucking industry is embracing this new fuel, because it lowers maintenance.
- More efficient
- Burns cleaner
- No smell

So the take away is to put the pressure on the Port to bring this product to the pump.

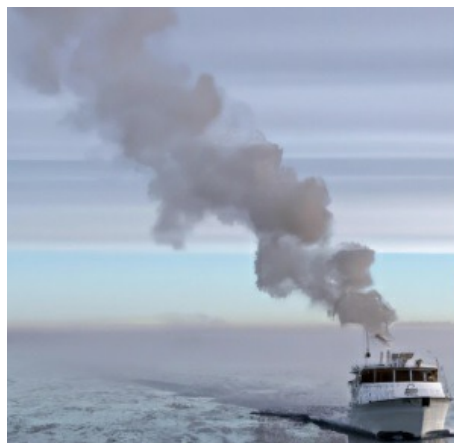


Image generated: Dall-e



## 10 Best Decarbonizing Methods

EZ #	DECARBONIZING ACTION TAKEN - IN ROUGH ORDER OF COMPLEXITY	GreenTech, EE, or Other Climate Mechanism	Lower Operating Costs	Estim. GHG Reductions vs. Curr Practice
1	SMART OPERATIONS: Run at Most Efficient Engine Speed / Always Ride Favorable Tides	Energy Efficiency	\$\$\$	10-20%?
2	START LOW: Clean Bottom with Better Systems / Switch to Aluminum Anodes	Efficiency / Reduces Toxins	\$\$\$	5-25%?
3	GOOD THINGS ABOARD: Bio-based Lubes & Safe Liquids / Ditch Biocides for Dessicating	Reduce Toxins	\$	2-5%?
4	RENEWABLES 1: Solar and/or Wind & Modern Batteries / Ditch the Genset	Tech / Energy Efficiency	\$\$	10-20%?
5	LOW HANGING FRUIT: All LED Lighting / Much More Efficient Refrigeration	Tech / Energy Efficiency	\$	<u>50-80%?</u>
6	RENEWABLES 2: Use Renewable Diesel (or Biodiesel if not a Common Rail engine)	Technology	\$\$	<u>60-90%</u>
7	DINGHY MAGIC: Switch to Clean & Quiet eOutboard for Dinghy or Kicker	Technology	\$	<u>50-80%?</u>
8	HYDRODYNAMICS 101: Much More Efficient Props and/or Start Flying with Foils	Energy Efficiency	\$\$	<u>8-13%</u>
9	REINVENT A GOOD BOAT: Lower Embodied Carbon by Deeply Retrofitting & Extending an Existing Good Boat's Life	Reduce Embodied Carbon	\$\$\$	<u>&gt;100%?</u>
10	GO HALF OR EVEN FULL ELECTRIC: Hybrid or Full Battery-Electric Propulsion	Technology	\$\$\$\$ (if well used & kept long enough)	Depends on use and time owned



*REAR COMMODORE's Report by Sam Johnston*

## 2023 Friday Harbor Sailing Club Cruise Schedule

Cruise #	Start Date	Description	Destination	Cruise Captains
1	April 15	Shakedown Cruise	Stuart Island - Prevost	Stefan Michalowski
2	May 6	Lopez Opening Day	Fisherman's Bay	Tom & Robin Donnelly
3	May 19	South Gulf Islands	Ganges & Montegue	Sean Grayson & Bill Severson
4	June 17	Low Tide Investigations	Sucia Island	Sam & Sandy Johnston
5	July 1	Canada Day	Port of Sidney	John Salinas
6	July 22	Pub Crawl	Anacortes	Bill & Laura Jo Severson
7	August 21	Playing Around	Chemainis	Kathleen Salinas
8	September 8	Wooden Boat Festival	Port Townsend	John Salinas
9	October 11	Circumnavigate	Saltspring Island	Leslie & Val Viers John Manning Pamela Morais

