Great Lakes Discovery Sail 3.0

(Benthos, WQ, Plankton, Fish, +/- Seamanship)

The Great Lakes Discovery Sail is a FUN 3 hour sail designed for all ages. You will raise sails on a “Turn of the Century” Great Lakes Schooner and make discoveries about what lies below the surface of beautiful Lake Michigan. Participants will also help gather samples throughout the water column, check the clarity and quality of the water, steer the ship or choose to relax on deck. After the samples have been collected there will be ample time to process them and look for native and invasive species, identify fish and examine the bottom layer of the lake. Similar to a Next Gen Seamanship sail, but there is no peer teaching, and the seamanship station can be more relaxed.

12:30pm - 30 Mins	Welcome / Introductions / Safety Talk / Board Ship
1:00 pm - 30 Mins	Otter Trawl / Trawl Talk by **Lead** Motor to sample site with Sail Instruction - **Mate**
1:30 pm - 20 Mins	Simultaneous Sampling - Heave To! *Lead: Involve all participants, do not need strict groups* - Benthos w/ PONAR - **Benthos Instructor** - Plankton w/ Net - **Plankton Instructor** - Water w/ Van Dorn - **Water Q Instructor**
1:50 pm - 10 Mins	Secchi Depth in small groups - **All**
2:00 pm - 15 Mins	Raise Sails - **Crew**
2:15 pm - 5 Mins	2 Minutes of silence and reflection - **Lead**
2:20 - 3:45 pm 85 Mins	Learning rotations, bell every 17 min - Fish - Seamanship - Steer the Ship, relax - Plankton - Water Quality/Relax - Benthos
3:45 pm - 10 Mins	Stewardship Wrap-up With **Lead**
3:55 pm - 5 Mins	Docking / Thank yous **Lead and Captain Talk**

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