



# Susquenango SeaChest



Monthly Publication



April 2022

Volume 67 Issue 4

District 6

## Susquenango April Happenings

**8-10 April 2022: D/6 Spring Conference**—The Holiday Inn, Binghamton, NY Watch for D/6 email with Schedule of Events and Room/Meal reservation sheet.

**20 April 2022: General Membership Meeting and Dinner Theater**-  
Town of Binghamton Fire Station #1  
967 Pennsylvania Ave. Binghamton, New York 13903  
Featuring Dinner Play "Death By Chocolate"  
Dinner by Phil's Chicken House

Call Linda Rought @ 607-760-6388, Reservation/Cancellation by 18 April 2022

## On the Horizon

- 18 May 2022—Executive Meeting—Location TBD
- 15 June 2022-General Membership Meeting and Picnic
- 18 June 2022-Allan Treman Marina Safety Day

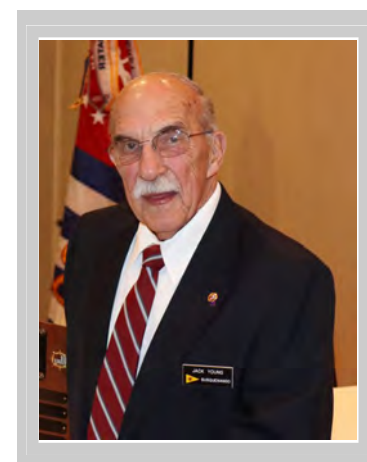


## Susquenango 2022 ABC and Advanced Class Schedule

ABC February 28 – March 28  
Boat Handling April 4 – May 23

For more information - Email: [class@susquenango.org](mailto:class@susquenango.org)  
or contact Les Smith (607)797-7391

Classes will be held at the Johnson City High School, 666 Reynolds Rd., Johnson City, NY



P/D/Lt/C John Young, AP  
Editor Emeritus



# SeaChest

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## Commander's Comments



**Commander**  
**Michael Acciai, AP**

“A winter storm warning is in effect” was all the morning news on Friday. An all-day storm with up to ten inches of snow was a sure forecast for Saturday, the day of our Change of Watch. I had already received an email from our District 6 guests Karen and Ken Green asking about alternatives as they would not be able to get to Endwell from Syracuse and I would not expect them to try. Also I expected multiple cancelations from our members due to the hazardous driving conditions. It was scramble time to notify Jonathan’s about cancelling the scheduled dinner meeting there and making new arrangements for a later date to hold the COW. A phone call to Lt/C Linda Rought, P our Administrative Officer and within two hours the problem was solved. Jonathans offered us the meeting room on Sunday and phone calls to all those signed up to attend on Saturday were glad to make the Sunday option a reality. We had a fantastic evening, a very nice dinner and Change of Watch ceremony. My heartfelt “thank you” goes out to Linda for all the time she put in on Friday morning to make the Sunday gathering a reality.

Our 2022-23 term starts with Susquenago Sail and Power Squadron hosting the District Six Spring Conference at the Holiday Inn, Binghamton on 8-10 April 2022. Many hours have been put in by our Conference Committee, P/C Mary Kucharek, P, Lt Ann Smith, S and P/D/C Nancy Bieber, P as well as D/6 officers to have multiple activities, seminars and Friday evening dinners to supplement the required morning business meeting. All of our members well be receiving the Deep Six Conference newsletter and reservation forms via the SeaChest Email. Please take the time to read up on all that is available and please attend if possible.

See the information on upcoming Susquenago activities especially our 20 April 2022 Theater Dinner meeting being held at the Town of Binghamton Fire Station #1.

Lastly I would like to thank our Bridge Officers, Committees and Members at large for making last year so successful and even more thanks for returning this year to do it all again. “Thank You!”



**And remember the sage advice of Yogi Berra when it comes to Covid-19 “It ain’t over till it’s over.”**

## Allan Treman Marina Safety Day

Save the Date - June 18, 2022

Once again this year, we will partner with the Allan Treman Marina, the Ithaca Sail & Power Squadron and the Coast Guard Auxillary to present the Marina Safety Day.

More details will follow in future SeaChests!

For those who navigate by charts and compass, this article explains the need to update the variation on your charts compass rose when doing the required TVM calculations.

### **The Magnetic North Pole Is Rapidly Moving Because of Some Blobs** **Jennifer Leman – Popular Mechanics**

Earth's magnetic north pole has shifted away from Canada and closer to Siberia at a rapid pace in recent years. Researchers believe two massive blobs of molten iron in Earth's outer core may have spurred the runaway pole and there's no telling where it will end up.

The magnetic north pole just isn't where it used to be. Ever since the British polar explorer James Clark Ross first identified it on the Boothia Peninsula in Canada's Nunavut territory in 1831, scientists have been carefully measuring its location. But in recent years, our north pole has been inching closer and closer to Siberia at a surprisingly rapid pace.

In 2020, researchers from the United Kingdom and Denmark uncovered the reason for this mysterious movement: two writhing lobes of magnetic force, duking it out near Earth's core.

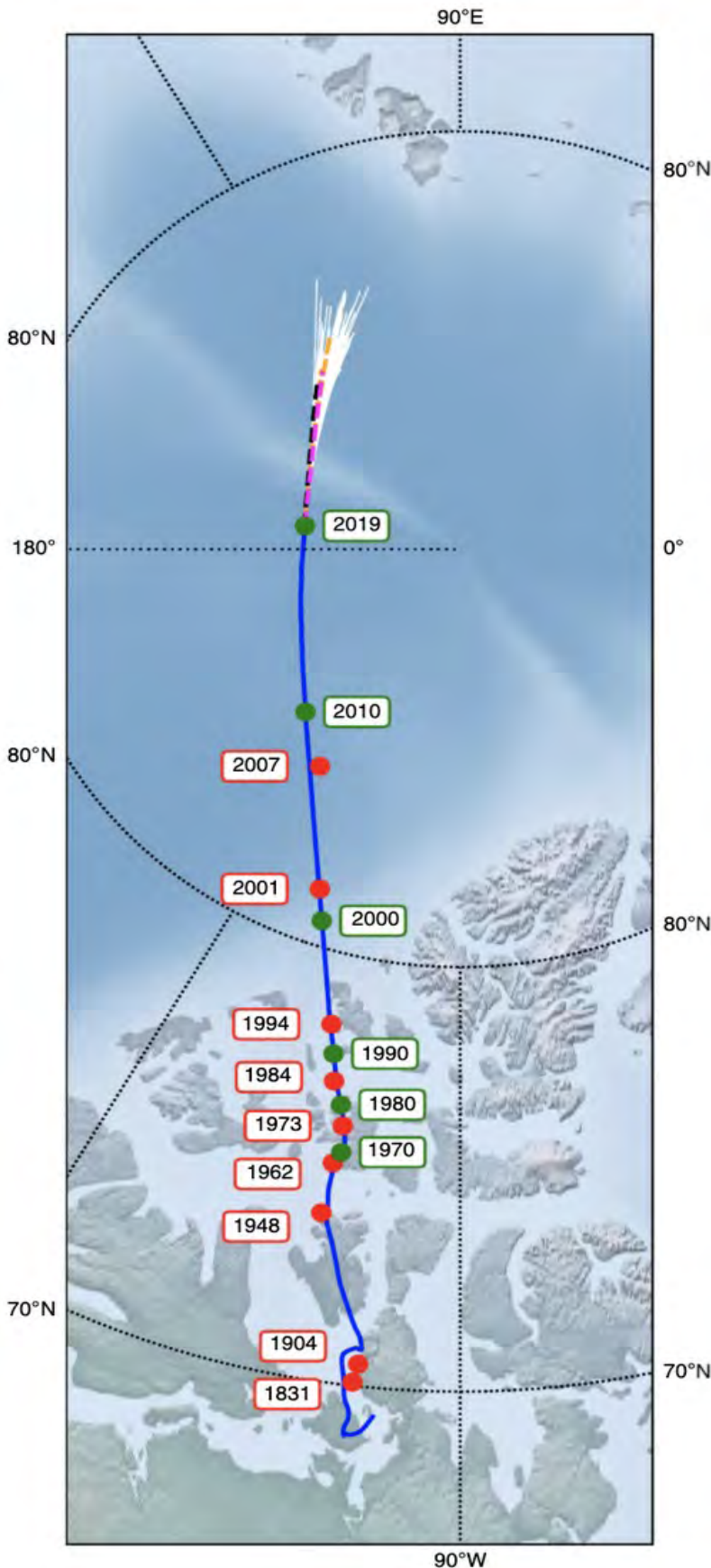
"The wandering of Earth's north magnetic pole, the location where the magnetic field points vertically downwards, has long been a topic of scientific fascination," the researchers write in their paper, which appears in the journal Nature Geoscience.

Earth's magnetic field is generated by molten iron in its outer core. The flow of this liquid iron can influence the location of the planet's magnetic poles. While poles have drifted and even swapped places numerous times over the course of Earth's long history, what's different about this recent shift is how quickly it's happening. From 1999 to 2005, Earth's magnetic north pole went from shifting nine miles at most each year to as much as 37 miles in a year.

These scientists pored over 20 years of satellite data from the European Space Administration's Swarm satellite mission and discovered that "over the last two decades the position of the north magnetic pole has been largely determined by two large-scale lobes of negative magnetic flux on the core-mantle boundary under Canada and Siberia," according to the study.

Between 1970 and 1999, the flow of molten, magnetic material in Earth's outer core changed. Because of these changes, the researchers say, the magnetic blob lurking beneath Canada slowly elongated in the early aughts, weakening the corresponding magnetic intensity on Earth's surface.

Continued on Page 4



Continued from Page 3

Eventually, the blob of molten material beneath Canada split in two and the stronger one slowly shifted toward the blob beneath Siberia. This spurred the magnetic north pole to slip closer and closer to Siberia, where the magnetic intensity was stronger.

In 2017, the magnetic north pole fell within 240 miles of the geographic north pole. The movement has been so rapid that the British Geological Survey and National Centers for Environmental Information (formerly the U.S. National Geophysical Data Center)—which updates the World’s Magnetic Model—had to accelerate its process in order to keep up. As of 2021, the pole was projected to have moved beyond the Canadian Arctic. It has been drifting at an average speed of 27.3 miles per year since 2020, according to the latest World Magnetic Model report.

The scientists generated a series of models of Earth’s core in an effort to understand how it might move in the future. “Our predictions are that the pole will continue to move towards Siberia, but forecasting the future is challenging and we cannot be sure,” the study’s lead author, geophysicist Phil Livermore of the University of Leeds, told Live Science.

These shifts have major consequences for global navigation systems. Anything or anyone that uses a compass—from ships at sea to the smartphones in our pockets—is impacted by this magnetic game of tug-of-war.

# Change of Watch Highlights

Photos by Staff Photographer P/C Dave Olds, AP





### 5 navigation lights for your boat

Navigation lights on your boat serve three purposes:

1. Alert other boats of your presence and relative location.
2. Tell other boats something about your vessel's size, speed, course, and type (sail or power).
3. Enable you to apply the [Navigation Rules](#) properly.

If you operate your boat at night, you should know what the various lights signify, especially on tugs, barges, and large vessels. You are required to equip your boat with the correct navigation lights. You also must display them when operating between sunset and sunrise and during periods of reduced visibility. Lights that satisfy the [International Rules also meet Inland Rules requirements](#).

#### Types of navigation lights

There are five types of vessel navigational lights. The distance at which the lights must be visible varies with the length of the boat.

**Masthead lights** are white lights placed over the vessel's fore and aft centerline. Unbroken over a 225-degree arc of the horizon, the light shows from dead ahead to 22.5 degrees abaft the beam (behind the beam) on either side of the vessel. Masthead lights are used only when a boat is under power. Vessels less than 12 meters (39 feet) in length may combine the masthead light with the stern light to provide 360-degree visibility.

**All-around lights** are visible 360 degrees around the horizon. They may be white, red, green or yellow, depending on their function.

**Sidelights** are a green light on the starboard side and a red light on the port side each showing an unbroken light over a 112.5-degree arc of the horizon and fixed to show the light from dead ahead to 22.5 degrees abaft the beam on its respective side. On boats less than 20 meters (65 feet) long, the sidelights can be combined in one lantern (combination light) carried on the vessel's fore and aft centerline.

**Stern lights** are white lights that shine 135 degrees aft (67.5 degrees from directly astern and to each side of the vessel). When you see the stern light of another vessel, you will not see its sidelights or masthead light.

**Towing lights** are yellow lights with the same characteristics as stern lights mounted at the stern on towing vessels. A towing vessel is a power-driven vessel towing astern, alongside or pushing ahead.



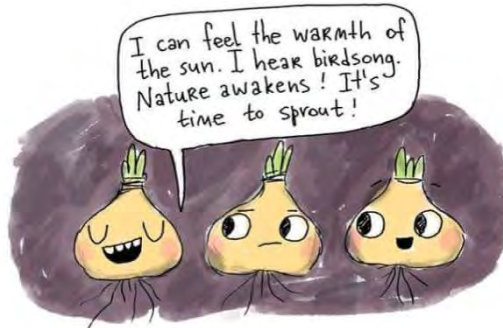


# Some Spring Time Humor

NON SEQUITUR  
BY WILEY



©198 WILEY INK, INC. 8-2 WILEY INK BEING THE LITTLE WET  
BOAT BY UNIVERSAL UCLICE 60COMICS.COM NONSEQUITUR



"Whatever your question is, the answer is boating."

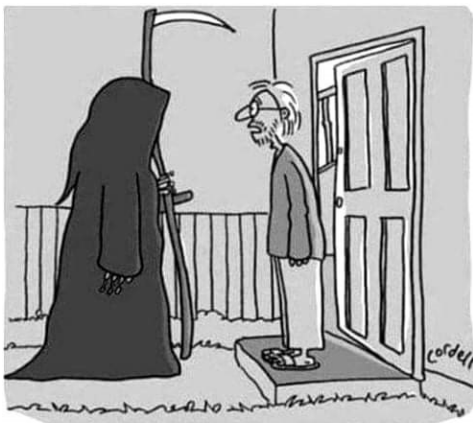
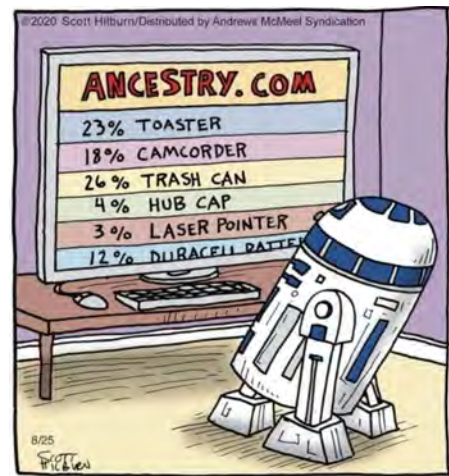




A new teacher was trying to make use of her psychology courses. She started her class by saying, 'Everyone who thinks they're stupid, stand up!' After a few seconds, Little Larry stood up. The teacher said, 'Do you think you're stupid, Larry?' 'No, ma'am, but I hate to see you standing there all by yourself!'



Early plumbers



"But all the blueberries...the wholegrains... the skimmed milk...the decaffeinated coffee... the broccoli...you mean it's all been for nothing?"



"Well, Professor, it translates to, 'I don't want to work, I just want to bang on the drum all day.'"

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