



The **NEMES** NEW ENGLAND MODEL ENGINEERING SOCIETY INC.

Gazette

No 348

June 2025

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Treasurer Robert Goeller

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...Kozakevich

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June Meeting

We will have a Zoom meeting in June at 7 PM on June 5, 2025.

An invite is attached to this Gazette.



Club Business

We are now collecting dues for next year.

From the Treasurer

Members, as was mentioned in the President's Column last month, we are changing our management service provider from Capital Hill Management to Club Express. This process is moving forward but more slowly than anticipated. Because of this, invoices for membership renewal will be late this year and will have a new look as they will come directly from Club Express rather than Square.

Our relationship with Cap Hill was somewhat awkward although they did reliably distribute the Gazette and track membership and dues payments. We do expect a significant reduction in our annual expenses since Club Express will sponsor our host our web site, replacing Dream Host. Other changes for services for our club will be coming as well. We will try and keep the membership informed through the Gazette.

In the mean time, if you wish, feel free to send a check to:

Robert Goeller – for NEMES

34 Middlebury Lane

Beverly, MA 01915-1300

They will be recorded as received.

To members who have tried to e-mail me using our published treasurer's e-mail address: Our e-mail address has been the target of an exorbitant number of spam e-mails from all sorts of people and organizations marketing their products and services. The number of these e-mails is so large (hundreds in the course of only a week) that it is almost impossible for me to find e-mails from members. I apologize to those who have tried to contact me without response, I did not see your e-mail. [President's note: mine too!]

Unfortunately, our current e-mail server does not provide a function to block these unwanted e-mails. We are working to alleviate this problem. However, in the mean time, it is unlikely I will be able to respond to member's e-mails. You can write to me as needed, if I see your e-mail I will respond but the current reality is that it is unlikely that I will see said

e-mail. If you need to contact me, best to use the US Postal Service at the address in the introductory column.

On another subject, many members have mailed their dues checks to the Charles River Museum, rather than directly to me. Unfortunately, these checks, many from early 2023, were only recently forwarded to me and many are too old to be deposited. Any checks that I cannot deposit, I will return to the member. If you have recently sent a check to the Museum, please let me know via standard US Postal Service (not e-mail) and we will watch the Museum's mail for these checks.

When we have alleviated the e-mail problem, I will let you know in a future Gazette.

APPAREL: Please check out the NEMES Aprons, T-Shirts, Denim Shirts and Sweat Shirts. We are happy to ship any of this clothing directly to your home.

Orders should go to our Treasurer, Rob Goeller. His address is in the opposite column.



President's Corner Bob Timmerman

We are in the process of switching to Club Express. There are some startup problems for a while.

We need to have election of officers. The by-laws say that we had to have nominations at the May meeting. That did not happen, nobody showed up at the meeting. Elections are supposed to happen at the June meeting, but the Gazette is not going out on a consistent schedule, so I believe we should postpone the nominations and elections. I suggest we postpone the nominations until the July meeting, and the elections until the August meeting.

I am willing to run for another term as President. We will have to poll the other officers to see who will run for another term.

Rob Goeller has had to resign as Treasurer, due to health issues, so the post of Treasurer is open. This is a post we *must* fill. No treasurer, no NEMES. Dick Koolish has been webmaster *pro tem*. He does not want to be webmaster any more: we ought to have a webmaster, so that is another post to be filled.

Riggers:

The Boston Fire Department wanted my milling machine out of my cellar, as it blocked access to the oil tank. Howard Gorin arranged a donation of the machine to the Museum. It turned out that there were some problems getting the machine out of my cellar and over to the Museum. It weighs about 2500 pounds, about the same as a Bridgeport. After the Museum agreed to take the machine, the problem arose of finding a rigger to move it. The rigger recommended by Howard's rigger quoted \$8,000 to move it, and wanted the alley behind my house closed all day, which would require a police detail. In my business, this is called a "courtesy bid". They really don't want the job, but don't want to say "no", so they quote a high price. Obviously, they were out. O.B.Hill Motor Transport had done some work for the Museum, so I asked them. They looked at the job, but did not give me a quote.

This was getting serious. While Howard and I brought that machine into my cellar, that was 40 years ago, and we were both a lot stronger back then. We weren't going to be able to do it our age today.

I got on the *Practical Machinist* website. As luck would have it, somebody else had used a Boston area machinery mover and thought highly of them. The firm is "Sacco's Specialized Moving" in Wilmington, Phone (978) 657-0777, cell (617) 633-1018. The President is Joseph W. Sacco, email joesacco@saccosinc.com. Website: www.saccosinc.com.

I sent them an email, they came and looked at the job, and the next day they emailed me a quote for \$3950, less than half the bid from the first rigger.

On the appointed moving day, they showed up promptly at the appointed start time of 7:00 AM, with a crew of 3 people and 2 trucks: a large, 3 axle ramp truck carrying a fork truck, and a box truck for the milling machine. I did not see much of the moving

process, as I was in my car, waiting to move it for the street sweeper.

What they did was put a boom on the fork truck, get the milling machine on a pallet jack, and move it to the door. They reached in with the boom on the fork truck, attached slings to the machine, and hoisted it out of the cellar (a 3-foot lift), and put it in the box truck. They repeated the process for my 300-pound drill press. They then moved 5 boxes of milling machine accessories, and my 12-foot A-Frame ladder (for use in the Jackson room—it goes up to 22 feet).

Everything was delivered to the Museum before noon!

If you have a machine tool to move, give Sacco's a call.



From the Editor's
Desk
Bob Timmerman

Dick Boucher has retired as modelmaking correspondent. Here is his retirement email:

Bob, I am sorry but I am not going to be able to be contributing to the Gazette any longer. Age and some non life-threatening health problems like my knees being full of arthritis have kept me from spending a lot of time in the shop (and just spending the day on U-Tube in a chair) as in I haven't done any serious machine work in the last two months and am seriously thinking about starting to move some of the machines like the Hardinge chucker and the 10 EE on to new owners. Sorry. Dick B.

[Editor note: If Dick is willing to send his Hardinge Chucker and Monarch 10EE to new owners, he must be thinking seriously about retiring.]

Dick's place has been taken by John O'Brien, who runs the Revolution Makerspace here in Waltham. It will be a different column, But I am glad to have him.

Steve Earle contributes an occasional column on production machining. He runs a small production shop in Maine, where he turns out a line of parts for sporting rifles. He contributes regularly enough that I have promoted to a regular correspondent.

We sometime get complaints from members that a NEMES event conflicts with some other event. Usually, we do not even know about the other event. Please let me know of other events, and I will publish such details as I have in the Gazette.

Date of 2026 NEMES Model Engineering Show

We have reserved the first weekend in March, 2026 for the NEMES Model Engineering Show. This puts the show out of the way of big snowstorms, which usually come in February. I have also reserved the traditional last Saturday in February for the show. We will decide which day to have it at some later date.

Upcoming Events

I have been receiving notices from the Owls Head Museum up in Maine. Keep an eye on their website as well.

Model Engineering Report

John O'Brien

It was a slow, disappointing month at the shop. Revolution Makerspace has an annual tradition (as of one year ago) to host robot combat at the Steampunk Festival in Waltham. In anticipation of

the event, I rented a trailer and some tables and some chairs in the rain on May 9. I also installed some new "pony walls" along the inside of the combat arena and laser engraved the makerspace name on the sides and floor of the combat arena in preparation for the event.

Unfortunately, the rain didn't let up on May 10th. As electronics and water don't mix well, I had to cancel the combat event and return all the equipment. A disappointing waste of time and money.

The only other projects of note this month were replacing the oil pump on the Tormach and starting improve the mobile cart for the mortiser table for the CU300.

Due to limited space, the Tormach is stored right up against the wall at the shop. Since the mill does not have any compressed air hookup, this is fine and compliant with OSHA. However, the mill's one shot oiler is on the back of the mill, making it difficult to physically reach from the front, so I replaced the one shot oiler with an electronic automated oiler, and used the perfectly good one shot oiler from the Tormach to replace the busted one-shot oiler on the Bridgeport. The one shot oiler works great on the Bridgeport but unfortunately the automated oiler starting filling up the chip pan so much on the Tormach that oil started leaking through the flood coolant drain. This is because for lack of a better idea I'd wired the electric oiler onto a NEMA 5-15P plug and plugged that right into the wall, setting it up for continuous operation on a long interval between oiling (like, 6 hours). I've unplugged it for now to avoid the issue, and will have to rewire it into the main power for the Tormach so that it only turns on when the main power is turned on, which should hopefully avoid the oil-on-the-floor issue.

As for the mortiser table cart improvements, understanding the improvements I'd like to make requires a little bit of background. The SCM Minimax CU300 is a European multi-function machine that combines the functions of a table saw, jointer, planer, shaper and mortiser in one machine. It comes with a mortiser table that does a decent job creating mortises when attached to the side of the machine. It requires a bit of a delicate touch to avoid burn marks in your mortises but it is fine. The big problem is the table is a real pain in the petunias to move around. It weights like 100 pounds. One looks like a dwarf moving a bolder when you lug it around. The space has members who probably only weight 120 pounds. It would be difficult for them to attach or detach the mortiser table from the side of the CU300.

To try to help, I'd previously created a cart that had some MDF supports cut out to hold the irregularly shaped bottom of the mortise table. That way, someone can roll the mortise table up to the side of the machine, align the mounting holes to the mounting bolts, crank the table onto the bolts, and then roll the cart away. It works, but the only problem is that mortiser tables center of mass is so far to one side that using the cart poses a serious risk of the mortiser table falling right off the cart and onto someone's feet.

The fix this, I'm replacing the MDF supports with a box frame table mounted to the cart, with a "slot" made of 2" x 4"s underneath it. That way, when the mortiser table attempts to flip, it will be trapped from the top by the table as well as supported by the bottom, which will hopefully help prevent the flipping situation. As a bonus feature the cart may end up being an elegant place to store the shaper hood for the CU300 as well, but we'll see. One thing at a time.

Zoom Meeting Link

The meeting link is in the blue box. You can just barely see Zoom meetings. You have to push both "control", and click your mouse to follow the link.

Meeting ID: 620 919 9191

Passcode: 4F5F4b

One tap mobile

+13052241968,,6209199191#,,, *676622#

US

+13092053325,,6209199191#,,, *676622#

US



ZOOM MEETINGS

Push control key and click mouse to follow link in blue box.