

The
NEMES
NEW ENGLAND MODEL ENGINEERING SOCIETY INC.

Gazette

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Gazette Staff

Editor Bob Timmerman
Modelmaking Correspondent
Dick Boucher

NEMES officers

President Bob Timmerman
Vice President Dick
Koolish
Treasurer Robert Goeller
Secretary Victor
...Kozakevich
Webmaster James
Scheffler III
NEMES web site
<http://www.neme-s.org>

Contact Addresses

Treasurer
treasurer@neme-s.org
Publisher
Publisher@neme-s.org
Bob Timmerman: Editor
editor@neme-s.org

President

Robert Timmerman
RWTimmerman@gmail.com

April Meeting

We will have a Zoom meeting in April at 7 PM on April 4, 2024. A separate email will be sent with the Zoom meeting invite.

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Club Business

Victor Kozakevich

NEMES Dues are now due for the year. Dues are \$25.00. Make checks payable to NEMES, and send them to our treasurer,

Rob Goeller
34 Middlebury Lane
Beverly, MA 01915

[Note from the President] NEMES is now billing members, you can pay with a credit card, as I did.

From the Treasurer:

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.



President's Corner Bob Timmerman

report in this issue.

The big news this month is the NEMES Model Engineering Show, which was held on Saturday. See Dick Koolish's



From the Editor's Desk Bob Timmerman

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.

Dick Boucher mentioned the high cost of shipping small lots of metal. I find that Grainger has reasonable prices on small pieces of metal, even materials such as stainless. To purchase, you have to have an account, which is not hard to establish—Grainger is rather lax on the definition of "Business-to-Business". To save on shipping, you have to have to pick your order up at one of their branches. They have branches in Norwood, Watertown, Woburn, and several other locations in the Boston area.

Upcoming Events

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

Save the Dates

May 11, 2024, Scantic Valley Antique Engine Club
46th Annual Show 860-519-7831

Report on the NEMES Engine Show Dick Koolish

The 2024 Model Engineering Show was held on Saturday, March 2nd at the Charles River Museum of Industry. The event is a fund-raising event for the Charles River Museum of Industry and is organized by the New England Model Engineering Society.

First, the Officers of NEMES wish to thank everybody who exhibited at the show, everybody who attended the show, and everybody who helped in any way to put the show on. If we forget to thank you individually, or have slighted your efforts, it was unintentional.

Our most recent show was in February of 2020, just before the pandemic was declared. Dick Koolish prodded the club in September, October, and November of 2022. By December, it was too late to organize a February 2023 show. This past September, Bob Timmerman and Dick Koolish volunteered to be President, Vice President, and Show Managers.

Bob Timmerman created all the announcements in the monthly Gazette. He negotiated with the museum about the date of the show. He arranged with Howard Gorin for the external air compressor. He visited Artisans Asylum and did other publicity. On show day, he picked up the lunch sandwiches and ice at Market Basket.

Howard Gorin arranged for the outside air compressor.

Rollie Gaucher brought more table covering material. The museum also had some in storage. Dick Koolish tracked it down before the show.

Dick Koolish recruited a slightly reluctant Victor Kazakevich to manage the food table. We provided coffee and munchies for breakfast and sandwiches, chips, and drinks at lunch for exhibitors, as we have done in the past. Extra food was offered to the public for a donation. After the show, all leftover food and supplies were donated to the museum. Victor ordered the sandwiches from Market Basket and picked up all the supplies for making and serving coffee. He also brewed the coffee during the day and manned the food table. Dick Koolish recruited two personal friends to distribute the lunch food and help at the food table. Victor hosts our monthly Zoom meetings and also hosted two additional show planning Zoom meetings.

NENES Treasurer Rob Goeller set up a table at the show. He also handles reimbursements for our show expenses.

Norm Jones visited the museum one afternoon and helped Dick Koolish examine the compressed air distribution pipes and checked the assembly order. Later, Dick Koolish renewed all of the pipe marking with a paint pen. There were a couple issues when the pipe was assembled, which he will try to fix soon. Todd Cahill and others assisted assembling the pipe at the show.

Museum volunteer Mark Nahabedian helped Dick to measure the Jackson Room, twice. The drawing of the Jackson Room that the museum had actually had a wrong dimension in it. Dick Koolish made a scale drawing of the room in order to verify the table arrangement.

Museum Executive Director Bob Perry was a great help during the show cleanup. He strongly encouraged us to fix our three year out of date website. Dick Koolish did this and substituted a simple but up to date web page that included the show poster and load-in instructions.

Museum Director of Operations Joe Niedbala created the show poster and load-in instructions. He also did all the publicity for the museum. And he made some large copied of photographs for a couple of exhibits.

Andy Kotlikoff of The Tool Shed made a pile of color show posters which he kept on the front counter of his store. He promoted the event to his customers. He listened patiently to all Dick Koolish's frustrations and complaints while the show was being planned.

Dick Koolish did a number of things for the show. He planned the table arrangement and ordered the tables, was at the museum when the tables were delivered on Friday and took care of the problem when the coffee maker wasn't delivered. Dick helped make sure that the air distribution pipes were in order. He emailed as many hobby clubs as I could find in search of exhibitors. Dick posted announcements on a number of Facebook groups where he thought that potential exhibitors might be present. Dick contacted many personal friends about exhibiting. Dick thinks that he was responsible for 7 exhibits other than his own. There were also two exhibitors that he thought would attend but did not. Dick and Bob Timmerman consulted with Victor about how much food to order, with Victor's low estimate being correct. Dick picked up the breakfast food, lunch chips, and drinks, and asked two of his friends to help with the food. [President's note: we really need more people involved with the work on the day of the show.] had a lot of our supplies staged outside the Jackson Room the previous Thursday, and directed the table setup on Saturday and directed arriving exhibitors to appropriate tables. [President Timmerman suffers from tendonitis on his left Achilles tendon, and was not much help on show day.] Dick was there until the cleanup was completed around 6:00 PM. Dick took pictures of almost all of the exhibitors, and collected the names and email addresses of all the exhibitors. Finally, he changed our 3-year outdated web page to have the show flyer and load-in instructions.

Pictures of Ron Ginger's work on 12"=1'-0 work up in Maine, on the Wiscasset, Waterville, and Farmington Railroad



This is the frame of what will be an operating 2 foot gauge operating live steam locomotive

Their shop is well-equipped. Here is a picture of the large lathe they used for turning drivers:



This is a bit larger than a South Bend Heavy 10

Reports from the Sandy Hill Locomotive Works

This is Dick Boucher's original introduction, and I am reprinting it here, as I think it is still relevant.

June 7, 2020

Hello fellow live steam model hobbyist and principals of the New England Model Engineering Society,

James (grandson), Norm, Jay and John. This is my usual Sunday afternoon progress report on work here in the Sandy Hill Locomotive works. Dan, Rich, Bob and James Scheffler I am sending this along to you thinking it might be a way to get some interest back in the club if the fellows who have given up traveling to Waltham had a place to post pictures of their work and view other builder's projects. To the new fellows on the list I am working on Cole's Models 2"scale Case steam tractor. For some time now I have been sending out pictures and a short description of the progress on the project to the first three listed having added John lately. Back in the early days of the Live Steam railroad hobby there were only a couple "meets" a year some as far away as Montreal Canada and Carl Purington started the "Traveling Locomotive Books" in which a hobbyist would attach a couple pictures of his work and forward the book to the next person on the list. Fortunately these books still exist and are repositored at John K's museum in Beverly. At any rate my thought is we set up a formal place in our web site or someplace to create the "Traveling Hobby Machining Books" Your thoughts.

Richard L. Boucher
Chief Engineer/Master Mechanic/ Lead Machinist
Sandy Hill Locomotive Works

Current Work

Well, hello fellow followers of reducing metal shapes to fine model creations. Before I begin, I wish to congratulate the principals who put the 2024 NEMES Model Engineering Show, Bob, Victor and Dick K for their great work in getting the show together and making it a great success. Also a shout out to Howard Gorin for securing the air supply for the Jackson room and Norm Jones for his memory on just how the pipes were assembled

along the wall. If I have left anyone out maybe our esteemed editor will add a note here. Been reading Model Engineer Magazines from 1974 where Don Young calls on Martin Evens the editor of said magazine to critique his submissions on building the Mountaineer locomotive. It has been a slow month here at the locomotive works building wise. We are in the process of rebuilding one of the bathrooms in our house and have been spending time discussing the what when and where's of the scope of the project with the carpenter, plumber and electrician along with visiting various sites picking out the fixtures and fittings needed. The whole thing started when I noticed the outer wall sill under the tub was in very bad shape thus a total rebuild from the foundation up to the ceiling. [Editor's note: that is what happens to people who live in old houses. I had to fix the toilet flange, and a rotted out floor in my second floor bathroom.] Well that is enough of my excuses for a total lack of progress on the fire engine. So on to just what has been accomplished. In Photo 1 (does anyone remember Good wife Doris?) Good wife Bea is covering my display at the NEMES show while I take a few minutes to check out the Jackson room displays.



Photo 1 (I saw her up close, that is a South Bend Heavy 10 on the sweatshirt.

I often wondered just what would happen to my models upon my demise but my fears were lessened when she did such a yeoman's job of explaining what each model is while I was not present. Maybe in future years she will bring my stuff to the show herself?

I find it rather difficult to order a piece of 7/32 stainless steel rod for \$9.00 and find it is going to

cost \$11.00 to ship it so I took a piece of ss a bit larger and turned it down to the required 7/32 for the piston rods. [Editor's note: Grainger sells a wide range of materials, at reasonable prices for small quantities. The price of a 24" length of 1/4" 304 stainless is \$6:50, if you pick it up at the Woburn store—NO shipping charges!] Photo 2 is the setup in my 10 inch South Bend for taking the taper out of the shaft by adjusting the set over of the tailstock.

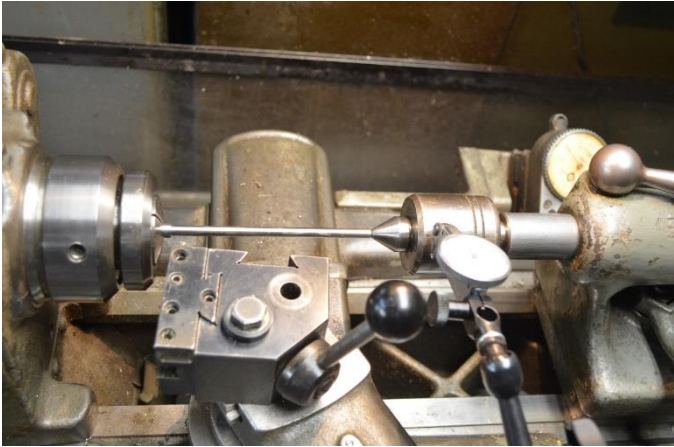


Photo 2

I got the 5 inch rods to a taper of .001 and said close enough. I was going to make a Rollie Goucher lap to finish the rods to perfectly parallel but decided a piece of 400 wet or dry applied with some 3 in 1 oil would suffice and it did. On to the connecting rods. I have only worked on one at a time because of the difficulty I have been having trying to find just which edges I should use as a starting point to make sure I have enough material in the casting to wind up with the small end and big end in the casting. Photo 3 is the rod with some basic markings on it clamped to my cube block, (circa 1962 or 3 which I made when I was a Toolmaker Apprentice)

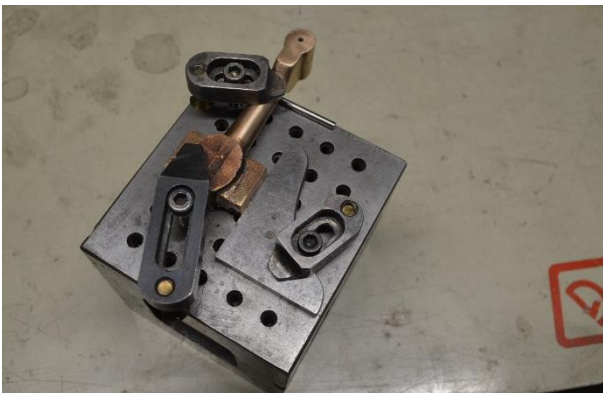


Photo 3

Notice the little finger square clamped to the block to establish a surface on the side of the rod. The reason for the overhand is that that small end is wider than the big end on these rods, The round rod is to take up the space caused by the taper of the rod shank. Photo 4 is bringing the width of the big end to specification and on center with the small end bore.

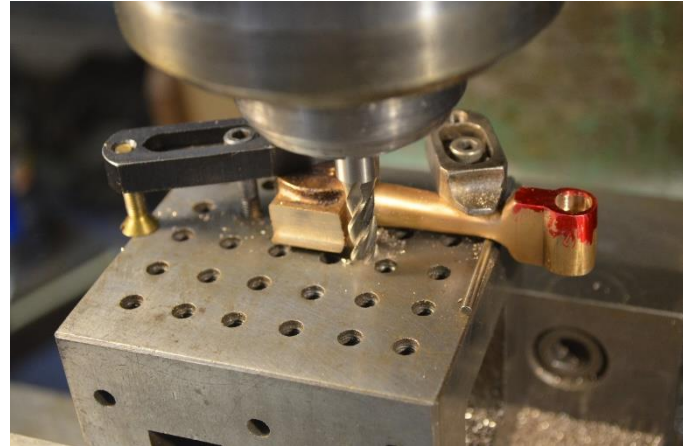


Photo 4

Photo 5 is the rather precarious setup using a "V" block and an arbor to bring the faces of the big end to again specification being square to the bore of the small end.

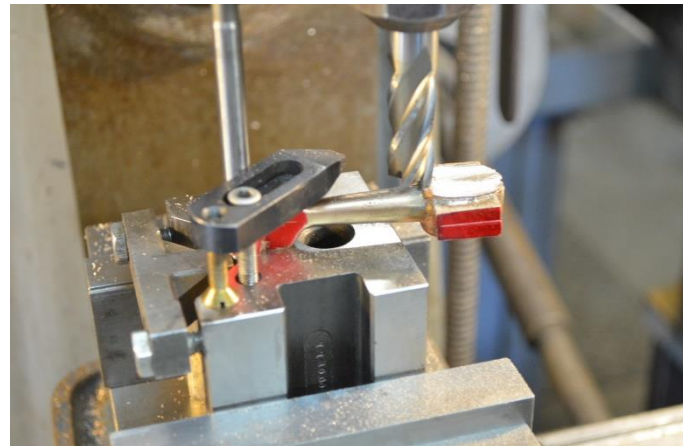


Photo 5

Very light cuts and a very sharp endmill required here.

Photo 6 is the locating and drilling the bolt holes to secure the bearing cap to the rod

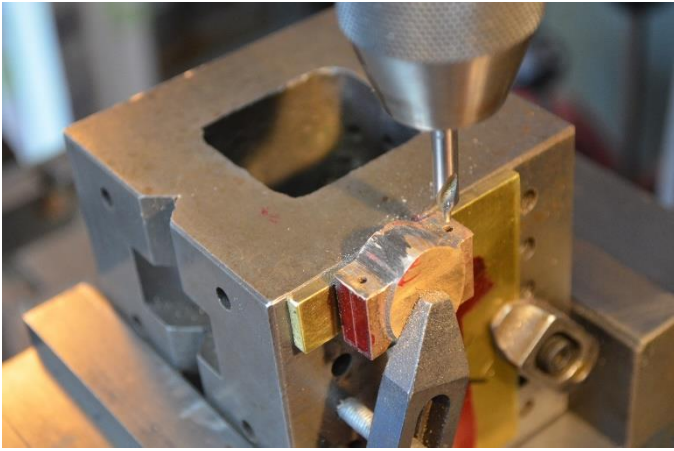


Photo 6

and Photo 7 is the filing and finishing the bottom of the bearing cap to look good.

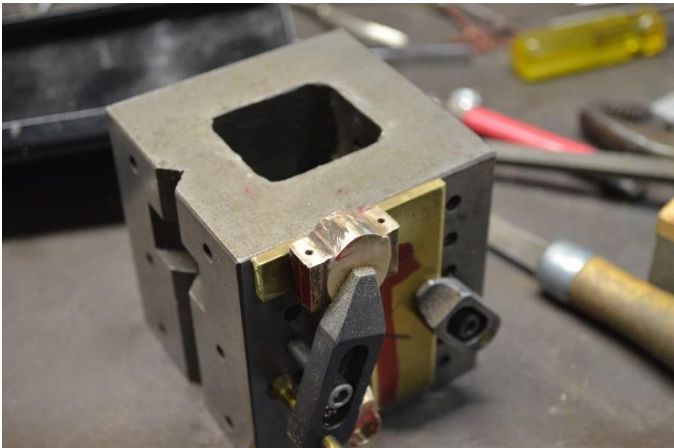


Photo 7

Well that is all for now and as always , write if you get work meanwhile hang by your thumbs (Bob and Ray sometime in the 1940's showing my age here) Dick B.