

# The NEMES

NEW ENGLAND MODEL ENGINEERING SOCIETY INC.

# Gazette

No 259

January 2018

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## Program

The NEMES program will be held at 7 PM on Thursday, Jan.4, 2018, in the Jackson Room of the Charles River Museum of Industry and Innovation.

The meeting agenda will be:

The traditional Januray Poster Session, with Members exhibiting interesting projects, recent acquisition, questions for the membership, etc. Members might want to use this as a lead in to their exhibit for the annual NEMES Engine Show.

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## **Club Business**

*Rich Baker*

**Online Store.** The NEMES Online Store is now live, and you can order NEMES apparel and pay your dues from the comfort of your living room. The link is available on the [www.neme-s.org](http://www.neme-s.org).

**NEMES Apparel.** We have NEMES denim button down shirts, t-shirts, and sweatshirts for sale. The denim shirts \$35, sweatshirts \$25, and the t-shirts \$15. Order online or contact Rich Baker at 978-257-4101 if you would like to order one.

**NEMES Membership List.** Our mailing and email lists are only as good as the information we are given. Please let us know if you move or change email addresses. If you know anyone who has moved, let us know the new contact information.



### **President's Corner Dan Eyring**

#### **PRESIDENT'S CORNER Dan Eyring**

##### **Appliance Disasters, etc.**

Happy 2018! Already?? It's almost twenty years since the millennium turned over. All through 1999 the experts predicted the end of life as we know it, as all the world's computer clocks ticked over from 11:59 PM New Year's Eve 1999 to 12:01 AM New Year's Day 2000. But we survived.

Of course there are real disasters. Ever notice how the water heater always waits 'til Sunday mid-night to blow out? Up to a few days ago, I thought of untimely water heater death as the maximum annoyance one can face (Yes, I've lived a sheltered life). Now I know I was sooooooooooooo wrong. You haven't lived until you've had your dish washer give up the ghost on Christmas Eve.

Instead of leaning back in your favorite lounge chair with a good book and something warm and tasty to drink, my wife and I spent the holiday on the kitchen floor dismantling and tinkering with dish water guts, both hydraulic and electrical. Now, I was prepared to wait until Tuesday to call a repairman and just give him my

check book. But my wife is of sterner stock – mixed Scots and German to be specific. “It’s only 6 months out of warranty, no way I’m paying somebody 500 bucks to fix it when everything we need to know is right there on YouTube!!” she says.

Sigh. So we diagnosed a likely source of the problem and ordered a new whatzit, which will arrive soon.

THEN we’ll call the plumber.



From the  
Editor’s Desk  
Bob  
Timmerman

This will be a small Gazette, both because of the holidays, and because your editor is recuperating from a total knee replacement on his right knee (his left knee was replaced last February). I have been spending a good deal of time doing Physical Therapy, but I happy to report that 2 ½ weeks after surgery, I am walking on only one crutch, and walking with my cane on occasion.

We do not have very many new events, just the bust trip to Cabin Fever, and the NEMES engine show. Surely there must be more. Are people not giving the events to us, or are they just not aware the Gazette exists? If anybody knows of other upcoming events, be sure they get on the website.

## Notes on the December program

The December meeting took place in the Telephone Museum, on Moody Street in Waltham, a short distance from the Embassy Parking Garage. This museum is a private collection of vintage telephones, from the early commercial telephones up through the 1960s. While most of the telephones are American, some were from Great Britain, and some other countries. The high point of the British exhibit is a genuine British Post Office cast iron telephone booth.

The bulk of the exhibit is conventional telephones, but is also includes a good selection of “butt sets”, the specialized telephones used by linemen and service technicians.

They also have a small collection of the so called “blue boxes” used to generate tone codes to make telephone codes that bypassed the billing system in use in the 1960’s and 1970s. Some people developed these devices by having a person with perfect pitch interpret the frequencies used for dialing. Other people, usually at engineering schools, simply went to the *Bell System Technical Journal* in their Engineering Library, which had a detailed article about the long distance calling system, complete with the tone codes used. Several of my friends

in engineering school took this approach, and I saw the particular article they used. The making of phone calls that bypassed the billing system led to a lively discussion.

.End of December meeting

## Upcoming Events

**The New England Model Engineering Society (NEMES)**  
is sponsoring a bus trip to the  
**Cabin Fever Model Engineering Show**  
in Lebanon Pennsylvania  
January 12 – 14, 2018.

**Cabin Fever** (<http://www.cabinfeverexpo.com>), the largest annual Model Engineering show in the United States, is a fabulous event offering: “**Gas & Steam Engines, Hot Air Engines, Steam Boats Running In a Large Indoor Boat Pond, Airplanes, Trains, Cars, Operating Live Steam Railroads, Kits, Tools, New & Used Machinery, Books, Plans, Model Trains, Boilers, Fasteners, Lubricants, Software, And So Much More!**”

For pictures from last year’s show, go to:

[http://www.neme-s.org/2017/Cabin%20Fever%202017/cabin\\_fever\\_2017.htm](http://www.neme-s.org/2017/Cabin%20Fever%202017/cabin_fever_2017.htm)

Travel in comfort in a 40passenger coach (\$200 per person) with restroom and video entertainment. Stay in an in-expensive \$65 + tax double room and enjoy the convenience of coach transport to/from the Cabin Fever show and to local restaurants during the weekend.

**Bus pickup points for the trip south on January 12<sup>th</sup>, 2018, will be at:**

- 7:30AM from Plaistow, NH Park and Ride (Westville Road, just east of NH Route 125)
- 9 AM from the MBTA Riverside T Station (333 Grove Street, off Exit 22 on Route 128).
- Other pickups will be made on Western MA and Connecticut. Contact NEMES (see email addresses below) for details.

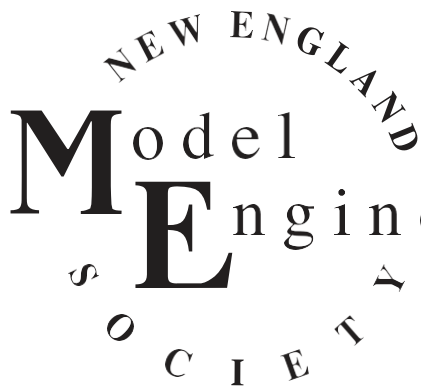
Upon arrival in Lebanon, the bus will stop at the Expo Center so exhibitors can unload their gear. We will then proceed to the motel and go to dinner. The bus will depart the Expo Center at 1 PM Sunday afternoon, 1/14/2018.

**To take advantage of this opportunity:**

- 1) Send a check for \$200 per rider, made out to “NEMES” to: Richard Baker 288 Middle St. West Newbury MA 01985. This amount is based on a minimum of 24 participants. The bus has a capacity of 40. Talk to your friends! Let’s fill the bus. **The last day to sign up is January 11th.**
- 2) Contact Days Inn Lebanon/Fort Indiantown Gap, Jonestown, PA, phone number +1-717-865-4064, and refer to NEMES to reserve a discount \$65 + tax double room. Double up with a friend and cut your room rate in half! **The last day to reserve a room is January 2<sup>nd</sup>.**

**If you have any questions, please contact:**

**Dan Eyring, NEMES President at [deyring2017@outlook.com](mailto:deyring2017@outlook.com), (781) 790 – 3707 or  
Richard Baker, Treasurer. [treasurer@neme-s.org](mailto:treasurer@neme-s.org),  
(978) 257-4101**



22nd ANNUAL  
N.E.M.E.S.  
MODEL ENGINEERING  
SHOW

FEBRUARY 17, 2018  
10:00 AM TO 4:00 PM

CHARLES RIVER MUSEUM OF INDUSTRY & INNOVATION  
WALTHAM, MA

SEE OPERATING SCALE:

- ◆ STEAM ENGINES
- ◆ GASOLINE ENGINES
- ◆ AIRCRAFT ENGINES
- ◆ STIRLING CYCLE ENGINES
- ◆ CLOCKS
- ◆ MACHINIST'S TOOLS AND FIXTURES
- ◆ LOCOMOTIVES
- ◆ TRACTION ENGINES
- ◆ MODEL BOATS – STEAM AND GAS

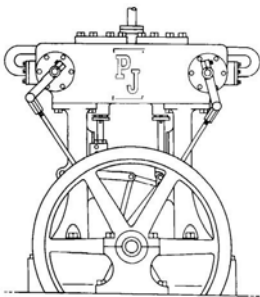
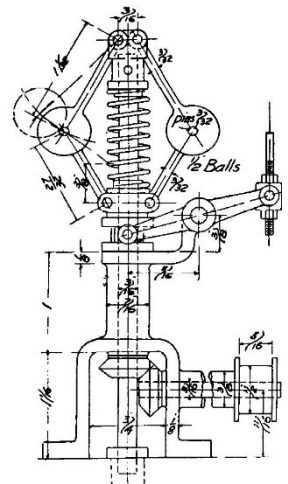
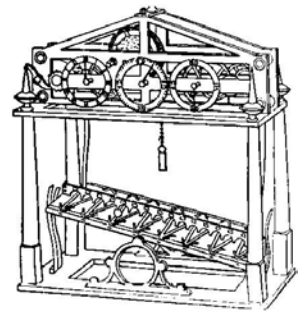
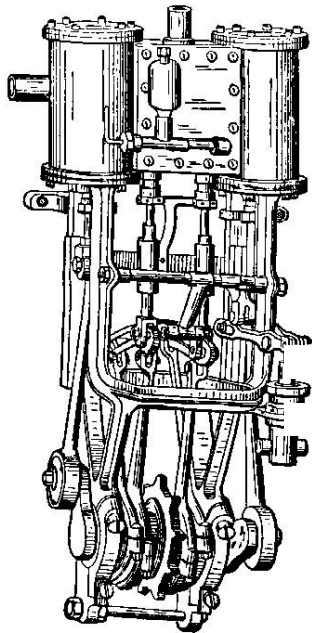
AND MEET THE CRAFTSMEN  
WHO BUILT THEM

EXHIBITORS SETUP STARTS AT 8:00 AM

COMPRESSED AIR FOR RUNNING  
MODELS GAS ENGINES ALLOWED  
NON-MEMBER EXHIBITORS WELCOME

GENERAL ADMISSION FOR SHOW AND MUSEUM

ADULTS	\$10.00
SENIORS, STUDENTS (w/ID), ACTIVE MILITARY, and CHILDREN 5 – 17 WITH ADULTS,	\$5.00
EXHIBITORS and CHILDREN UNDER 5	FREE



**Directions:**

Take Rte. 128 to Rte. 20. Go East on Rte. 20 to Central Square, about 2 miles. Right on Moody Street. Cross the river, left on Pine Street to municipal parking lot on left.

Short walk over the footbridge to the museum.

For additional information call the Museum at 781-893-5410 or go to [www.neme-s.org](http://www.neme-s.org)