



The Ratchet



OCTOBER, 2009

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One-Fifty-Seven



<http://www.nawcc.org/chapter157/default.htm>

OCTOBER MEETING ***OCTOBER 11, 2009***

LOCATION

Fresh Start Café
Salem, OR
Mart begins at 1:30 p.m.
Meeting begins at 2:00 p.m.

PROGRAM

George Poole
“The Genius of Breguet”

SHOW AND TELL

The letter for September is “L”

MART

DON'T FORGET TO BRING ITEMS FOR THE MART!!

We are looking forward to a great mart.

DATES TO REMEMBER

Oct. 11, 2009	Ch. 157	Fresh Start Café, Salem
Nov. 8, 2009	Ch. 157	Fresh Start Café, Salem

Minutes

Chapter 157 of the National Association of Watch and Clock Collectors met on Sunday, September 13th. We met at the Fresh Start Market in Salem, which is where you can find us most second Sundays of the month. There were twelve from our club and we were joined by some folks from Portland Chapter 31. I saw Mr. and Mrs. Terry White, Dr. and Mrs. Leo Freiermuth and Monte Felton from that chapter. We haven't seen Monte in ages as he lives all the way over on the north coast. It was a nice group and we enjoyed some wonderful late summer weather.

President Dennis Cordy brought the meeting to order at two and we learned that two forgetful members forgot their name badges and paid the fifty cents fine. George Poole wasn't one!

Donna Lee Poole began the old business session by talking about Pat Cavanaugh and about the service for him that many of us attended. We will surely miss Pat.

Terry White told us about a workshop his club is holding on the watchmaker's lathe. This is the third class about the lathe. It is open to our members and there is no cost. The date is October 3rd. The class runs from one o'clock to five. The following information is from Chapter 31's newsletter.

As we ran short of time at the last workshop, I will try and round up some stones and graver holders, and we can, time allowing, hone the gravers you made last time. The better the edge, the better the finish on your turned part.

Then, we will cover "work holding for the lathe". We'll cover collets, cement brasses, chucks (both 3 and 4 jaw), Jacobs chucks, pot chucks, face plates, cat heads, steady rests, how to make work holding devices for specific jobs, how to make support tools for specific jobs, turning between centers, and anything else you, the raptly spellbound audience, can come up with for questions, suggestions, or problems. A lot of the approach will be how to get a job done with what you have available, rather than how to go buy a lot of expensive equipment.

Those who bring their lathe will have an opportunity to make some of the demo items shown at the workshop.

Registration is required so we know how many chairs will be needed.

UPCOMING HOROLOGY WORKSHOP

Saturday October 3rd, 2009

1: 00 to 5:00 pm at Monarch Hotel, Clackamas, Oregon

Presenter: Mike Robinson

Please reserve me a chair at the Horology Workshop

Fill out and send to: Terry White, 9480 S. Gribble Rd, Canby, OR 97013 (ph 503.263.8357) or email Terry White — president@nawcc31.org

Name: _____

Address: _____

Telephone: _____

E-Mail: _____

Volunteers were called for and Donna Lee agreed to bring the refreshments for the October meeting. Lola Dent will do the same in November. The December meeting will be our annual Christmas party and Shirley Cavanaugh will host again this year.

We reviewed the progress (?) of our two clock restoration projects. We volunteered to help the city of Salem renovate a street clock and they haven't responded. The same is true on the clock in the governor's mansion.

The clock museum in Bristol, Connecticut wrote us and asked for donations. Several members have been there and everybody who spoke praised the museum. One member talked about the other sites in and around Bristol that every clock nut should visit. Dennis Cordy asked that we give them \$25. The motion was approved.

Treasurer's Report

Jim Dent reported we have \$2,204.67 in the bank. The raffle and name badge fines will add \$61 more.

The Raffle

The raffle table had some nice stuff on it this meeting. The six winners were George Poole, Terry White, Leo Freiermuth, Dave Cast, Jim Dent and Al Dowler.

Show and Tell

The assignment was to bring a horological item related to the letter "R" and/or one that would compliment the program on anniversary clocks.

Jim Dent brought two metal cased mantel clocks that featured Franklyn D. Roosevelt. They were both animated.

George Poole brought a Russian wristwatch and pocket watch. The pocket watch was signed "Alfred Rock" and was in a sterling case.

Jim Knieling had a 400 day clock for us to see. It wasn't working and Jim was looking for help finding the correct suspension spring. The clock was signed "Perfecta".

The Program

Ken Graves gave a very interesting program about 400 day clocks. To make the talk more understandable he brought many different versions of these clocks for us to see.

According to Ken the impetus for these clocks began with Isaac Newton and the search for perpetual motion. There were other Englishmen who advanced the concept for a clock that would run forever, but it was an American named Aaron Crane who actually designed a clock that used a suspension spring that twisted clockwise and counter clockwise to allow the escape wheel to advance. Because of the lack of friction these clocks will run for a year and with a more powerful mainspring they will run for three years.

According to Ken these are very simple movements that require very little maintenance and will run almost anywhere. As long as the suspension spring is free and not hitting anything and the little pendulum weights aren't hitting anything these clocks will run on an unlevelled surface. I'll have to admit that there were many doubters in the audience. Ken has found that book "Horolovar 400 Day Clock Repair Guide" by Charles Terwilliger is about all one needs to use. When the correct backplate of your clock is matched with one of the drawings in the book you can select the correct suspension spring and set it up. One very nice thing Ken does when repairing a clock for a customer is to make a little booklet with the history of the clock and including pictures of the repairs.

Old is New Again

We have relieved Charlie Schubert of his "Refreshment Volunteer" duties and will have a new volunteer for each meeting from now on (as we have before). We will need the upcoming Refreshment Volunteer (baked goods, etc.) to be included in each Newsletter from now on as a reminder. **Donna Lee Poole has volunteered for the October meeting.**

Instant hot beverages, i.e. coffee and tea will always be provided by the club treasury and are not part of the Refreshment Volunteer responsibilities.

Meeting Location is 3020 Center St. NE. Take Exit 256. If coming south from Portland follow signs to City Center and merge onto Market St. NE. Turn left at Hawthorne Ave and right on Center Street. From Albany get off at Exit 256 and turn right on Lancaster Dr. Turn right at Center Street.



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