



Free State Chapter 141

MD, PA, VA, WV

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Feedback for the Web Site

*should be addressed to **Alex***

***Snouffer** at: arsnouffer@gmail.com*

April – May

No.2015-03

President's Message

Ah, spring has finally sprung and we can put away the snow gear and enjoy the good weather. Soon it will be time to crank up the lawn mowers, clean out the gardens, and find excuses to get out of work early. With a college basketball champ newly crowned, it's almost playoff time for pro basketball and hockey, even as the "boys of summer" are taking the field. For you fans of the Nats and Birds, it is definitely a time for great optimism and high expectations – could a DC-Baltimore World Series be in the making?

As everyone knows (because our mothers told us so), April showers bring May flowers, but that's not all – April brings us the **Annual Joint Meeting of Chapters 11, 12 and 141 at the VFD Community Hall in Woodsboro, MD** with the usual variety of clocks, watches and associated materials, and another outstanding program. So mark your calendars for Saturday, April 25 and be there! Details, including the registration form, are on the **Chapter 141 website at <http://community.nawcc.org/chapter141/home/>**. Speaking of which, we now have an active webmaster anxious to get your input to help improve our website. **Alex Snouffer** is talented and eager to serve – if you have ideas, please contact him (see Alex's info on page 5).

We had a really productive **meeting in March** with good attendance and a very informative program about selling on e-Bay. I even managed to make \$5 selling a couple of small items – almost enough for a burger and fries! We also conducted an important piece of business in which I presented research on potential new venues for our meetings; the research was based on several inputs received from various members. There was a lively discussion of the options after which the

members in attendance, near unanimously, decided we should continue to meet at the Mountain Gate. We will continue to work closely with the restaurant to ensure we get the service we expect and deserve, and we do not anticipate any issues such as those we experienced at our January meeting. Our **next meeting is Thursday, May 14**, and I hope to see even more folks there than usual – you won't be able to blame the weather for not attending. And don't forget to **bring a friend, colleague, co-worker, neighbor or anyone else who might be interested in joining us.** It's a good deal for your guest (adult, non-family member), who gets a free meal out of it, and potentially good for you (also a free meal if your guest joins NAWCC and the Chapter), and definitely a good deal for the Chapter as a whole.

Finally, as always, please **remember our brave men and women serving in so many dangerous places throughout the world.** It seems like there is just no end in sight to number and types of national security threats our country faces, any of which have the potential to impact every American. And while our troops may not be directly engaged in combat operations, American service members, diplomats and aid workers are very much engaged in some extremely challenging environments to protect American interests and improve our security. Please keep these dedicated professionals and their families in your thoughts and prayers, every day, until they return home. Please take the opportunity whenever you can to say thank you to our military and civilian public servants; it means a great deal to them to know that we really care.

Lou Orsini, president

Our next meeting will be Thursday, May 14th, 2015 at Mountain Gate Restaurant

Minutes of Freestate Chapter 141 – March 12th, 2015

The meeting was called to order at 7:10. Due to a complaint by a club member about our current facility, several members were designated to investigate other possible places to hold our meetings. Information was provided on at least 5 other places that could accommodate our group comfortably, stay within a reasonable distance of all members, and keep within our current price range. After much discussion, a vote was taken and it was almost unanimous that we stay at Mountain Gate. The restaurant would be informed that we would require to an adequate room to comfortably eat and hold our meetings.

A reminder was given that the Woodsboro Meeting would be April 25th. Members are being asked to please come early to help set up. Many tables of merchandise will be available. The Presenter will have many character watches.

Ken Powell rejoined our group. He previously was a member when we met at the Dandee. In other news, there will be a Presentation at the Folger Shakespeare Library on Harrison clocks, star navigation, etc. It starts 18 March through 26 March. There will also be a pookandpook sale 26 April on NAWCC clocks and watches. Alex Snouffer, Webmaster, is making a list of changes to be made in the website. Mac McLean, a lifetime member, has a collection of watches for sale. Be sure to look at Heritage Auctions Time Pieces. This collection is being sold over a period of time - some weekly and some monthly. Be sure to check it out.



Our program was presented by David Grau about "Buying and Selling on eBay." When submitting information for **SELLING**, be sure to "bold" key information. *Subtitle - use if you have other important points to make. *14K Gold means 58.3% gold throughout - not plated, not gold filled. *It's not "rare" because someone says it is. *List in the correct category - subcategory. **SELLING PHOTOS** - *Great photos are an important part of the description

and will make you more money. Take as many photos as you can of any distinct feature. Use photo editor to make brighter, better, clearer.

SELLING DESCRIPTION - *Write so vivid an image of whatever you are selling that it is created in the reader's mind. Details! *Market the item such as "this clock uses the (blah - blah - blah) movement. This movement was also used in Abe Lincoln's favorite clock that he brought to the White House with him". *Describe the flaws as well as the great things. *Assume people will not read or misread what you write. Means great photos!! **SHIPPING** - * I only ship to _____. If package is lost, you are out of money. Use insurance. If it is over \$200, request signature confirmation. If you pay 15% fee to eBay and/or PayPal on shipping as well on the item, be sure to keep this in mind when figuring the shipping cost. **DO NOT TRY TO MAKE MONEY ON SHIPPING!** **HOW MUCH** - *Cost is meaningless to what people are looking for. *Look for similar items under "sold." *Condition, condition, condition. Is it all original? *Use "Buy It Now" or best offer. **"Buy It Now" should be higher than what you want for item but don't scare people off! *You can always relist. If item is worth what you are asking, don't drop price. *Some people raise the price if it doesn't sell the first time. **LISTING SOFTWARE** - *Turbo Lister is no longer available but there are other selling tools on eBay which are easy to use but you have less control.

DESCRIPTION - Keep it simple. Photos, Photos, Photos - so look carefully. **BUYING ON EBAY** - *You are 100% protected by ebay. *Can't return because you don't like the clock or watch. *Our speaker usually only buys from U.S. or England. *Redial??? Check spacing, font, placement of 2nd hand, matte or glossy, Swiss or Switzerland. *Hands - hour, minute, second - length, style, color. *Incorrect metal content/type in title. *Counterfeits. *Frankenwatches (put together from others). *Ask for more photos if needed - such as no photo of movement, case back (in and out), blurry photos. **DO NOT buy unless you are willing to take a chance.** *Ukrainian watches are usually fabricated. *Check google for images of other examples of clocks and/or watches. *Check for what item sold for in the past on ebay. *Can you fix/clean what you are buying? Mr. Grau closed his very interesting and informative program by answering any and all questions. Members left this meeting with an increased knowledge of eBay and it's workings.

Meeting dismissed with a reminder to remember our military members serving around the world. Next meeting is 14 May 2015.

- Patsy Rothen

"Treasurer's Tidbits"

Hi folks!

I would remind all members to send in their dues, if they are not fully paid... dues were due at the end of June. Contact me at Neil54@aol.com, or call me at 301-229-2587 if you have questions. I look forward to seeing everyone at the Mountain Gate Restaurant in May. Please be prompt with your RSVPs for the meeting reservations. We will need to know the head count for the meal so reservations can be made.

Thank you!!

Neil Amrine

Attention: It is important also to keep Neil Amrine at Neil54@aol.com or 301-229-2587 advised of any change in your membership information, address changes, etc. We cannot keep you informed if you don't keep us informed.

FREE STATE CHAPTER 141 MEMBERSHIP-RENEWAL APPLICATION

NATIONAL ASSOCIATION OF WATCH AND CLOCK COLLECTORS

Date _____ NAWCC No. _____ Interests _____

(CLOCKS, WATCHES, TOOLS, OTHER)

Name _____ Spouse's Name _____

Address _____ Phone Number _____

City/State _____ Zip Code _____

Email Address _____ Wish to Receive Newsletter via Email or US Mail

As of January 2007 Annual dues are only \$8.00 payable to Free State Chapter 141. Please send your check with this completed application to:

Neil Amrine, 5621 Ogden Road, Bethesda, Maryland, 20816. Phone: 301-229-2587; email: neil54@aol.com

If you have an interest in clocks or watches you are invited to Our Next Meeting
Thursday, May 14th, 2015 at Mountain Gate Family Restaurant

CHAPTER 141 PROGRAM FOR MAY 14th, 2015

The May meeting presentation for Chapter 141 has not been finalized at press time. It will have to be announced later. Whatever it turns out to be, I am sure it will be an interesting program as all his programs have been to date. I have yet to find a program I didn't enjoy. Plan on attending, we're looking forward to seeing you at the meeting. Come out and join us for a pleasant evening. Just like the food at Cozy's.

– Al Bush for *Bob Rothen*

Meeting time is ~ Dinner: about 6:15 PM *Mart*: Come early for the mart *Business/Program*: follows dinner

MEETING RESERVATIONS: You may use the Meeting Reservation form below to mail in your reservations for the Free State Chapter 141 meetings. Please indicate the meeting date as you complete the form. You may also make reservations via e-mail to neil54@aol.com and providing Neil Amrine with the information requested on the meeting reservation form or by Calling Neil at 301-229-2587 and informing Neil directly. (Please RSVP at least 48 hours before the meeting date)

Cancellation Policy: Our policy on meeting cancellations is simple. If the Frederick schools are closed due to inclement weather on the day of our meeting, we will cancel. Otherwise, you can expect the meeting is on. In the event of a cancellation, Neil will try to contact everyone who has made reservations (especially those who don't live locally), but it's all based on the school decision. (Several Radio & TV stations in the region carry closure information including WMAR 2, WTTG 5, WJLA 7, WUSA 9, WBAL 11, WJZ 13, x 45, & WETA 26.)

Free State Chapter 141 Meeting Reservation Form

Reservation for Free State 141 Meeting on _____

Name _____

Guest Names _____

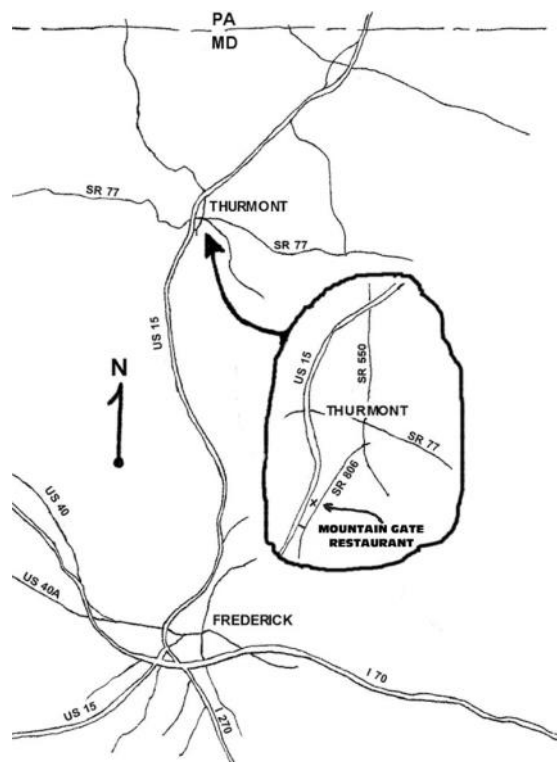
Number coming _____ x \$16.00 = Total \$ _____

Number of Mart Tables _____ (Mart Tables are Free)

Please make checks payable to Free State Chapter 141 and mail to
Neil Amrine, 5621 Ogden Road, Bethesda, Maryland 20816

Phone: 301-229-2587; email: neil54@aol.com.

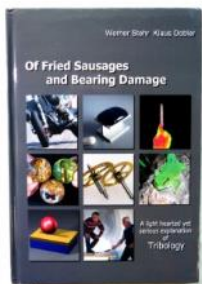
Directions: Mountain Gate Family Restaurant is in Thurmont, about 16 miles north of Frederick. Take Route 15N if coming from Frederick or 15 South if coming from PA. Take the Thurmont ramp to MD806 and go east on Thurmont Blvd (right if traveling north, left if traveling south) for about a quarter mile, then take a left on Route 806 (Frederick Road) heading north. The restaurant is about 600 ft. on the left. If you need additional directions, please call the Mountain Gate Restaurant at 301-271-4373.



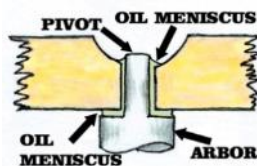
Horological Talk & Tips

Power, Energy, and Friction

Today I would like to talk about power, energy, friction and things that effect the operation of timepieces. This is something that is in my mind any time I am working on a clock movement, particularly mechanical clock movements. When the spring or weight is wound up, energy is stored in it to power the clock. Most of these clocks are designed to run 30 hours, 8 days, 14 days, and 30 days or even 1 year. Some special clocks may be designed to run even longer. A movement that is to run 30 days, or more, or even 14 if they are a precision movement, has to be designed and built to conserve energy. Thus friction becomes an important factor. For those of you that were able to attend Chapter 141's meeting March 14, 2012, Bob Rothen gave an excellent talk on "Tribology" dealing with this subject. (Fried Sausages and Bearing Damage, Werner Stehr & Klalus Dobler, available from Amazon.com). Things that contribute to that problem are poor lubrication/oiling which can relate to use of unreliable oils or oils that have hardened or caked, increasing the friction on the pivots.



Excessive oil is not good either. Excessive oil can allow the oil to run down the plate and "draw" the oil out of the oil sinks and from between the pivot and bushing leaving the pivot running metal to metal. Excessive oil can also mean a greater probability of collecting dust that finds its way into the pivot-bearing area and serves as an abrasive to wear the pivot as well as the bushing. Ideally one would want a small meniscus between the pivot and the bushing, but more should not be needed. It is important that the oil retains its lubrication powers over an extended period and as most of you know, synthetic oils have been developed for this purpose, many of which are very expensive.



A couple of years ago I participated in an NAWCC Webinar conducted by member Stephen Nelson covering Vienna regulators. Some of Stephens professional work involved working with lubricants, so he was well qualified to address the subject. He indicated that he used Synthetic Mobile 1 (10W30) to oil the pivots on the Vienna regulators he services. He had one VR for over 10 years which he had serviced and oiled with Synthetic Mobile 1. Someone wanted to purchase it, so he decided he should service it first. When he started to clean it, he found it still had an oil meniscus around the pivots and the oil had not hardened or caked. That was a good testimony for the oil.



He now recommends it as a good clock oil. While on the oil subject I should mention that for watch oil you

| Approximate Viscosities of Common Materials | |
|---|------------------------------|
| Material | Viscosity in Centipoise @70F |
| Water | 1 |
| Milk | 3 |
| Nye Clock Oil 140B | 20 |
| SAE 10 Motor Oil | 85-140 |
| SAE 20 Motor Oil | 140-420 |
| SAE 30 Motor Oil | 420-650 |
| SAE 40 Motor Oil | 650-900 |
| Mobil 1 5W-30 | 90 |
| Mobil 1 0W-40 | 110 |
| Mobil 1 5W-40 | 120 |
| Mobil 1 10W-40 | 150 |
| SAE 80W-90 | 250 |
| SAE 85W140 | 670 |

might want the Nye oil which has lower viscosity. Stephen gave us a chart showing viscosity of various oils. It shows the Nye synthetic oil with a viscosity number of 20 while that for Mobile 1 synthetic 5W-30 is listed at a value of 90. You will note that water is 1 centipoise @ 70°, in comparison; honey is about 2,000 and molasses about 5,000.

Oil is not the only factor. One of the VR clocks I was working on had a problem with wear on some of the levers that ride on cams or pin. Since the VR is a long run clock per winding, energy is conserved by polishing the cams and levers to reduce the sliding friction. This clock had grooves on one of the levers where a pin impacts to lock it to a specific position, but it must slide off of at a later point in time. The clock movement did not have enough energy to slide the pin past this point and as the lever attempted to rise past this point it stalled the clock. Once the groove was polished out the clock is still running well. You will note by the 3 grooves that previous repairers had repositioned the pin twice to circumvent the problem. The last one being on the very tip, it was now necessary to polish it out. This adjustment had likely been made by bending the pin.



Currently I am working on a clock whose main spring has, most likely, been in service from its beginning. The run time for a full wind of the spring was marginally satisfactory. Most of the parts for the movement seem to have been made by stamping. The results are that the cams and levers have a rough surface that can add friction where they slide against each other. By honing some of these surfaces with a stone I was able to obtain a much smoother operation and gain margin on the runtime per winding. I also noticed a quieter signal from my test instrument monitoring the clock timing.

While this movement is an 8 day clock, its construction is more in line with what I see on the old 30 hour kitchen clocks. It certainly reminded me of the importance of a well machined and lubricated movement. **Al Bush 2015-03**

WEB SITE NEWS BIT

from your webmaster, Alex Snouffer



Hope everyone is enjoying the wonderful weather that we are having. As for the website, everything has been updated, and all of the broken links, as far as I can tell, have either been fixed or removed. In addition, the "Horology in the News" page is currently in a private BETA testing phase, and should be available to be seen in the coming weeks. If there are any other pages or requests that you would like to have available to be viewed, please email me at arsnouffer@gmail.com. Here is the link to our website:

<http://community.nawcc.org/chapter141/home/>

Hope to see everyone at the next meeting,

Alex

Personal Postings For Chapter 141 Members

INTRODUCTION: This section is for Chapter 141 members to post horological questions, ads, or notices at no charge. The Newsletter Advertising Policy is repeated here for your convenience. It has been defined and will be on file with the Chapter 141 records for viewing. Updates will be posted from time to time as needed.

Members submitting information for posting will need to provide the information in a form that can easily be conveyed to NAWCC Headquarters for editing, printing, and distribution. It is not intended that any editing will be required for information you submit. The information should be submitted in Microsoft WORD file format as a .doc or .docx file by email to albushWLIVE@hotmail.com. This email address will be checked for input when the newsletter is prepared to send to press. If you do not have access to a computer, I suggest you contact a friend and seek their help to prepare and email the posting for you. Sample postings to give you an idea of what can be posted in a 2x3½" space were given in the June-July issue of this newsletter. Effort will be made to maintain your posting, wording and presentation as you have submitted it.

PERSONAL POSTINGS

LOOKING FOR SOMETHING? HAVE SOMETHING SOMEONE ELSE NEEDS?

POST IT HERE!

NOTE TIME & LOCATION for our NEXT MEETING on THURSDAY, MARCH 12, 2015 at the MOUNTAIN GATE FAMILY RESTAURANT in Thurmont, MD 21788, 301-271-4373.

Hope to see you all there!



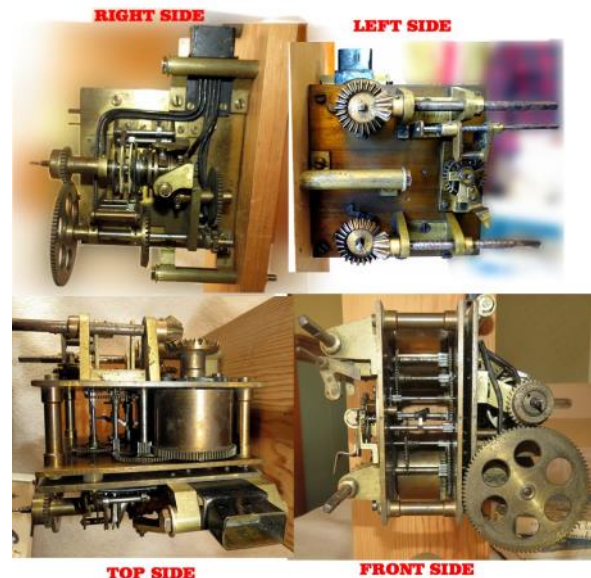
Reminder to members !!!!!

Mac McLean, a lifetime member, has a collection of watches for sale. Be sure to look at Heritage Auctions Time Pieces. This collection is being sold over a period of time - some weekly and some monthly. Be sure to check it out.

Wheeler Green says he still has some old glass available if you are looking for it.

DO YOU KNOW WHAT IT IS?

When I got home and took a second look at my photos from the last meeting, I saw that this was exhibited, but the definition of what it was and what it was used for was unknown. If you recognize it and have information on it, please share your knowledge with us...



I believe it was shared with us by Bob Butler. I can tell you that the four black tubes in the "right side" view are for oiling parts of the mechanism. What are your thoughts? You can send me your inputs via email and I will share it. AI