



Free State Chapter 141

MD, PA, VA, WV

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*For more information about
the chapter, you may contact the
President Lou Orsini by email
or phone 703-352-7260.*

*Feedback or questions
pertaining to the Newsletter
should be addressed
to Al Bush at:
agbush172@verizon.net
or (410)531-5307.*

December / January – *No.2014-01*

President's Message

Merry Christmas and Happy Holidays to all! Another December and another year about to go from the present to the past; pretty soon I'm going to need a calculator to figure out how old I am! The holidays seem to be much different from the rest of the year; they can be full of joy and full of stress, often both at the same time. It is a time of giving and goodwill, which I hope we can continue throughout the rest of the year. But sometimes our efforts to try to have a perfect holiday can cause undue stress. Same reality applies for the holidays as during the rest of the year- none of us are perfect and never will be, so try not to get stressed when things don't work out as planned. I wish for everyone a very happy holiday period and a prosperous new year.

This is probably a good time to remind everyone of our bad weather policy regarding meetings. If the Frederick schools are closed on the date of our meeting, we will cancel - otherwise the meeting is on. If you have any doubt, call Neil Amrine and ask. Our program again this year is our annual "Show & Tell." Bring something rare, odd, unusual, sentimental, beautiful, ugly or mysterious- anything with a story you can tell and/or a horological item that will generate questions and comments. Tell your story and invite others to comment. If you cannot figure out what your item does or how it works, bring it in and ask others to apply their knowledge and experience to solve the mystery. This meeting is always loads of fun because of your participation. It takes several people to make a good program, and it doesn't require any special talent; just bring a clock or watch (or anything related to clocks and watches) and provide a short explanation or story. The audience

takes over from there- it's that easy. And to entice greater participation this year, everyone who makes a presentation will get a \$6 discount on their meal (\$10 instead of \$16); just let Neil know you're making a presentation when you pay and he will apply your discount. My thanks to Tom Mostyn for the recommendation; if it doesn't work out we'll know who to blame! (I'm just kidding, of course, on the blame part). Don't miss this meeting; it is sure to be another interesting one, just as long as you participate - and guaranteed to be fun!

We learned quite a bit at our November meeting due to the excellent presentation by the NAWCC Computer Guy, Markus Harris, who described how to access the many services now available through the NAWCC website for members. Ok, his real title isn't NAWCC Computer Guy, it's the NAWCC

Director of Communications, but I think he'll answer to either. Now if I could just figure out how to manipulate my computer to do what I think it ought to do, I would be one happy guy.

Finally, as always, please remember our brave men and women serving in dangerous places throughout the world, and particularly those fighting to maintain stability in Afghanistan. This can be a particularly hard time for them and their families as they endure family separations and the uncertainty that is a routine part of their lives. Please keep them and their families in your thoughts and prayers, every day, until they return home, and look for opportunities to say thank you to our folks in the military whenever you can.

Lou Orsini, president

Our next meeting will be Wednesday, January 8th 2014 at The Cozy Inn

Minutes of Freestate Chapter 141 – 13 November, 2013

Freestate 141 held our regular meeting on 13 November 2013. Meeting was opened by President Lou Orsini (after the Mart and excellent meal) with announcements by several members— the first being George Hudson. He stated Chapter 11 would be meeting in the parking lot in Columbia, PA to go to Marietta. The members will be provided a tour of the Tower Clock in the Town Hall, a Reeves NY 1847, which was recently restored. There will be several steps to climb to see the works, dial and then bell.

President Orsini announced the answer to the riddle in the last newsletter was "Jesse Coleman".

Wheeler Green displayed a black light that he used to detect cracks, repairs, breaks, tears, etc. that cannot be seen by the naked eye. Black lights can be purchased from several different sites at a cost of about \$8.00. It was stressed that these lights should not be shined in anyone's eyes, it could possibly cause damage.

Our speaker was Markus Harris, Director of Communications, NAWCC. The presentation was: "NAWCC ONLINE". This program is meant to share the Horological Resources of NAWCC with the digital world. Program opened with remarks about one of the charter members of NAWCC, Ernest A. Cramer, NAWCC Charter Member No. 00003. Mr. Cramer was a seminal contributor to the early manifestations of the Bulletin, all of which are now online. He discussed that communication is paramount between NAWCC and its members. The Internet is the NAWCC— members, staff, and others doorway to the world. The Internet is used to provide decades of information, resources, and archival materials as well as info on classes, workshops, and instructional videos. NAWCC makes computer databases available to provide the member with use of the website, resource center, calendar, and all horological resources.



Mr. Harris went over the procedures to Login to the NAWCC web site and how the site worked, plus how to access various areas. He stated archives were available dating from 1943—present, containing articles and research material. Our message board is huge and is available to all persons, not only members. Mr. Harris emphasized that "others" who had access to the information on the site CANNOT access any information on or about NAWCC members. He discussed the Video Library with hundreds of instructional films available on most any horological subject; "Webinar" facilities are available. The Horological School still has its facility and is used to give live classes so people can interact by asking questions, etc. NAWCC also has the largest Horological library in the country with a lending library containing books that can be checked out by members— they are mailed out on the "honor system" assuming they will be returned. You can call, email, or mail a request for any of the 12,000 historical items. You can access online to get all information on each item.

The entire presentation was interesting and provided in depth information for members to use.
—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 Cozy's in January. 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 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

January 8th, 2014 at the Cozy Inn

CHAPTER 141 PROGRAM FOR JANUARY 8th, 2014

The traditional January meeting theme for Chapter 141 has always been a Show And Tell. Members and guests are encouraged to bring whatever horologically related item, project or idea they have to share with the membership. Past January meetings have offered up a wonderful variety of presentations that always surprise a delight. I know you all have something to bring to the meeting, so don't be shy, come prepared to share. I think you will find an easy and receptive audience. Plan on attending, we're looking forward to seeing you at the meeting. Come out and join us for a pleasant evening.

—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 _____

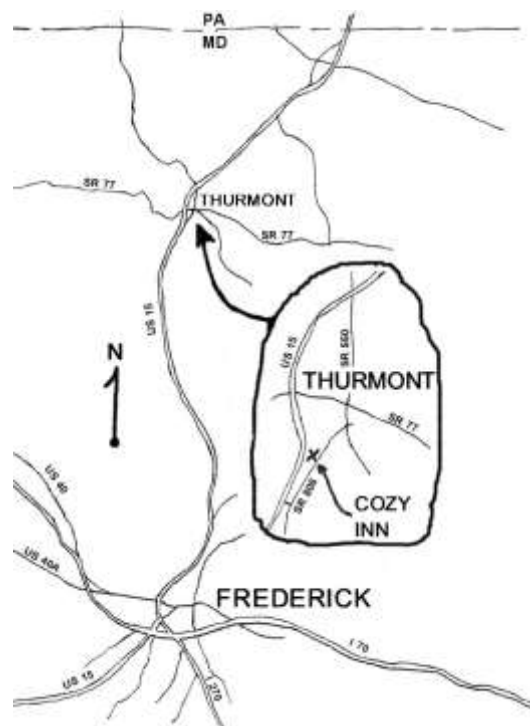
Number coming _____ x \$16.00 = Total \$ _____

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: Cozy Inn 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 0.4 mile on the left. If you need additional directions please call the Cozy Inn at 301-271-7373.

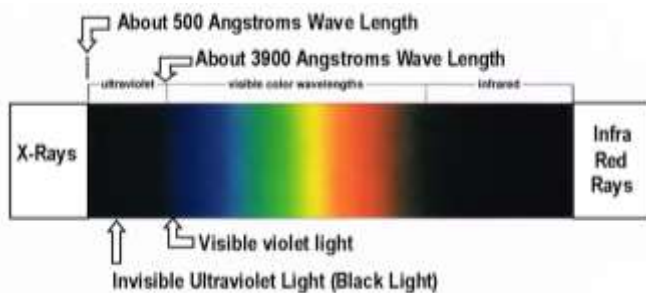


Tic Toc Tech Tips

Black light

We thank Wheeler Green for providing us this tip about Black Light. Wheeler brought this to our attention at our last meeting. First I should emphasize caution about looking at UV (Black Light). Since the eye cannot recognize UV in the Black Light range our eye does not know how intense the light (radiation) is and thus your iris does not contract to protect itself. This is one of the reasons you are informed not to look at the Sun during an eclipse without eye protection. In the case of the Sun there is not only Black Light (UV) but Infra Red (IR) light being radiated which we cannot see as well. IR is on one end of the visible spectrum of light and UV on the other end.

First of all light is described as a type of electromagnetic energy similar to radio waves, TV signals, heat and x-rays. These waves can deflect, bend, interfere, be interfered with, and react with objects they strike. These light waves are made up of individual particles, called photons. They are both energy and matter. You have heard of Einstein's equation, $E=mc^2$. Without getting too deep into light theory let me say various wave lengths of visible light strike a surface reflecting a color determined by the content of the surface material and energy absorbed and reflected. There is an additive and a subtractive method of mixing light to obtain a range of color. With additive; if you shine a red, green and blue light on the same spot on a white surface it will appear as white light; a red light will make the white surface appear red, green light green, etc. With subtractive; if you mix a paint pigment of yellow, magenta and blue-green (cyan) you will get black. This depends on how the pigments are excited as photons of a particular wave length strike them. The photo below shows the spectrum and you will note that UV covers the spectrum from about 500 Angstroms to 3900 Angstroms. An Angstrom



is 1.0×10^{-10} meter, a very small measurement. Now we get to the interesting part of using Black Light. When light strikes some minerals and chemicals it will excite them to glow or give off a color different from the light itself. As with Rudolph the Red Nose Reindeer, "You might even say it glows." And it does. Wheeler Green has provided us with some pictures of this phenomenon in the following photographs. You can observe the results of different black lamps when used to look at a clock with an enameled dial. Photo #1 was taken under normal light. Photo #2 used a portable fluorescent UV



light while Photo #3 & #4 used UV LED light. Figure #4 is a close up of #3. Figure #5 used a portable fluorescent UV close up while figure #6 uses the light at a different angle. The camera was used on a tripod since the automatic exposures were longer. Photo in #6 was enhanced on the computer to brighten and increase the contrast to make any cracks stand out. This is another tool to help you evaluate certain aspects (face, coatings, old vs. new paper, etc.) of a clock/watch and not meant to be a catchall.

Various types of black lights are shown above. The first



photo #7 shows a small portable flashlight with an SB4W black light tube in it. Photo #8 has an SB4W tube also and both operate off of 4 AA cells (6 V DC). Wheeler Green has placed a F4T5BLB lamp in the light in Photo #8 and finds it to work a little better. However, he purchased a (light emitting diode) LED Black Light and feels it may be even more effective. I should note that a F4T5 lamp bulb is also offered that produces a white fluorescence. To be sure to obtain the Black Light version it should be specified as F4T5BLB. The BLB stands for Black Light Blue. With the BLB, it has the tube made as a filter to block out the visible light and transmits the UV. Photo #9 above is a decorative novelty Black Light usually used to illuminate posters having ink in fluorescent colors. Photo #10 is a medical UV Germicidal light source using mercury vapor. Black Light and is useful in killing germs with about 15 seconds of exposure. I have used the light also to cure watch crystal cement epoxies. Photo #11 is a shop tool with a blue LED lamp to illuminate the work which coincidentally has BL properties. Many of these are available on the internet by searching for Black Light. We thank Wheeler Green for a very interesting tech tip.

AI Bush 2014-01

Personal Postings For Chapter 141 Members

INTRODUCTION: This page 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.



MART Action at November 13 Meeting!



FROM YOUR FRIENDS AT CHAPTER 141!

PERSONAL POSTINGS

ZARAH SARKISSIAN



I am a member of Chapter 141 and have set up a shop to accept work from the public on a regular basis, I have been servicing quality watches in

Montgomery County since 1972. I would be pleased to service watches for fellow members of Chapter 141. I have named my shop Studio Zarr. You may call me to make your appointment at 240-242-3555. I am located at Studio Zarr, 111921 Rockville Pike, Suite 104, Rockville, MD 20854