



# NAWCC NEWS

National Association of Watch and Clock Collectors

Atlanta Chapter 24

April 2013

## April 2013 Program

Timex - The First 159 Years of the Waterbury Clock Company

A power-point presentation by Ken Hogwood

If anyone has any Waterbury watches, especially the "Jumbo Watch", Ingersoll "Yankee", Ingersoll "Dollar", or any early Disney watches, please bring them for the show and tell to enhance this presentation.



## April 2013 Meeting

Vice President Henry Newman is asking for contributions to the Show & Tell/Repair Tips segment of our meeting. Please let Henry know if you plan to discuss an item, or see him as soon as possible at the meeting itself.



## Chapter 24 Web Site

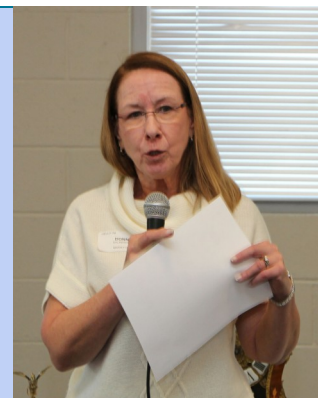


Randy Grunwell reminds the membership of the chapter web site. The site contains significant contact information as well as archived bimonthly newsletters, which can be found by clicking the name of the monthly program for that particular month. Many thanks to Randy for continuing to maintain our web site. The site address is: <http://webpages.charter.net/grunwell/NAWCC/NAWCC.htm>

## NAWCC Atlanta Chapter 24 Officers and Directors

Donna Kalinkiewicz	President	dmktimes2@att.net	(770) 321-1057
Henry Newman	Vice-President	docsclocks@windstream.net	(706) 212-0417
Mary Jones	Secretary	maryisabeljones@comcast.net	(770) 939-8856
Gary Walton	Treasurer	gnc434@hotmail.com	(770) 446-0790
George Waterhouse	Past President	ClockDoc35@yahoo.com	(770) 939-5799
Donald E Jackson	Director 2014	treetop8@bellsouth.net	(770) 241-0502
Chris Brown	Director 2015	browncg3@bellsouth.net	(770) 962-7480
Tom Noesges	Director 2013	thomas@noesges.com	(770) 262-0883

## Minutes of NAWCC Atlanta Meeting: February 3, 2013



- ◆ President Donna Kalinkiewicz called the meeting to order following the traditional auction led by Brooks Coleman.
- ◆ Mary Jones read the minutes of the December 2, 2012, meeting. The minutes were unanimously approved as read.
- ◆ Gary Walton gave the Treasurer's Report. Her summary of that report is printed below.
- ◆ Donna welcomed our guests David Pierce, Carson Mayne, Mike Ritchey, and Billy Orendorff.
- ◆ Announcements
  - ◆ Donna directed the members to review the announcements posted on the easel at the back of the room.
  - ◆ Clocks from the estate of Bill Baldwin are still being sold by his family at the Historic Roswell Antique Market. There are also many BULLETINS that are available for the cost of shipping as well as many reference and Tran Duy Ly books for sale.
- ◆ Old Business
  - ◆ Donna reported that there was a plate left after our December luncheon and that Pete is still looking for the missing his silver serving spoon.
  - ◆ Pete Schreiner's report on the State of Georgia and Governor's Mansion clock will be given during the Show & Tell segment of the meeting.
  - ◆ Chris Martin is the general chair for the 2015 National Convention to be held in Chattanooga. There are no new updates.
  - ◆ There was a reminder about the FSW being sponsored by the Knoxville Chapter. Bill Knaak will teach FSW 201 on "Fundamental Skills for Lathe and Clock Repair, Part 2" on March 24-27, 2013. Contact Susan Reed at Klock-class@comcast.net for more information.
  - ◆ Please also see the notice on page 5 about FSW 101 and a transportation offer from Bill Knaap.
  - ◆ National elections are being held soon. A postcard will be sent to all members, but candidate information is available in the current issue of the BULLETIN. Jim Coulson gave several personal endorsements for consideration. See the notice on page 4 for more information.
- ◆ New Business
  - ◆ Chapter 83 sent a challenge for donations to National. As a 33-member chapter, they sent \$500. The Chicago chapter sent \$1000. Historically, Chapter 24 donates \$500 to National as well as \$250 to Bristol. The membership voted to donate \$500 to NAWCC in the name of Bill Baldwin. In addition, the chapter will continue its tradition of donating \$250 to the American Clock and Watch Museum in Bristol; as part of the "Adopt a Clock" program, our chapter name will remain on one of Ward Francillon's clocks.
- ◆ Show and Tell: Please see page 3 for details.

## Treasurer's Report

*By Gary Walton*

Fifty one members attended the February, 2013 Chapter meeting. We also welcomed four guests: Billy Orendorff (relative of Al), Carson Mayne, David Pierce, and Mike Ritchey. Carson, David, and Mike became new members. Plus, Bill Said, who had previously visited last year, became a new member.

Annual chapter membership dues of \$30 are due for 2013. We collected \$775 in dues at the last meeting, but approximately forty members still owe for 2013. You may bring your dues to the April meeting or mail them to my house. As you know, this is the primary means of support that keeps the Chapter running. In addition, if you have address, telephone, or email changes, let me know so we can keep you in the loop.

Brooks Coleman was the lucky prize winner at the February meeting.

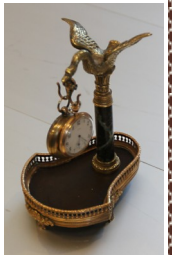
You should receive an updated Chapter Roster via email. If you do not receive it, please let me know.

The Internal Revenue Service has declared that our chapter is governed by Section 501(c)7 of the Internal Revenue Code. This means we are a non-profit organization in the same class as social and hobby clubs. Unfortunately, donations to 501(c)7 organizations are not tax deductible for the donor. Our chapter must comply with the same IRS filing requirements as other non-profit organizations which may be governed by different sections of the Code.



## SHOW AND TELL

Frank Lindhauer showed a watch stand in the shape of a goose with a double hook held by the end of the beak. The device is estimated to be from the late 19th or early 20th century.



Warren Brook showed a William E Hadlock wall regulator dating from approximately 1880. The case is solid mahogany, the tablet emblem is gold leaf, and the pendulum has a gilded wood stick. The movement is made with heavy brass plates and large pinions; the main spring is enclosed in a barrel case.

Pete Schreiner showed several images of a William E Hadlock clock that is currently being restored by new member Dana Merrill. This picture shows the thick brass plates of the movement.



George talked about an Ansonia clock on which he recently performed a case restoration. After a thorough cleaning, he replaced the crown and ornaments with resin reproductions which were painted with a burnt umber and finished with a gel top coat. The gold pieces were repainted as well.

## RESTORATION OF THE STATE OF GEORGIA CLOCKS

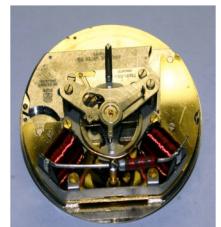
Pete showed a PowerPoint presentation on some of the work that he and George Waterhouse have performed on vintage State clocks. From the Chief Vann House in Dalton is a Mark Leavenworth pillar and scroll clock with a wood movement. The clock was cleaned with dilute Murphy's Oil Soap, and multiple movement parts were replaced or restored.



Also from the Chief Vann House is a John Cuthbert Tall Clock from the 1790s. Pete crafted a new winding key and repaired this broken wheel tooth and multiple, severely worn pinions, whose wear was caused by the use of oil on the wheel teeth. George made multiple case repairs to the door; those repairs were essentially imperceptible when completed.



Lastly, Pete showed several slides of a French Crystal clock from the Governor's Mansion that is powered by a Swiss Angelus battery in a ETA 2421 N movement dating from the mid 1950s. Pete restored multiple parts of the movement and installed a new balance.



All meeting pictures in this newsletter are courtesy of Pete Schreiner.

Many thanks for his on-going contributions.

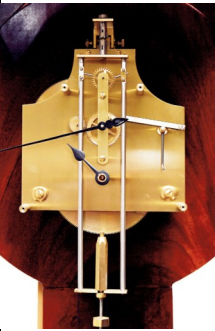
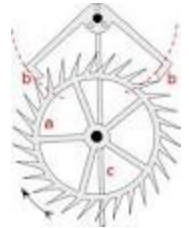
## FEBRUARY PROGRAM: AN OVERVIEW OF ESCAPEMENTS, BY BERNIE TEKIPPE

The purpose of the escapement is to transfer enough energy to the pendulum to keep it swinging. The earliest escapement was a crown wheel, invented about 1500. In this design, the pallets had to move about 20 degrees and required a short, light pendulum moving in a slow wide swing which was subject to variability in amplitude. This caused high circular error and poor time keeping.



The next major development was the recoil or anchor escapement by Huygens in 1675, which had a much narrower swing, as little as two degrees, thereby reducing circular error. The escapement sends energy to the pendulum to help propel the pendulum, but that impulse varies and therefore the pendulum swing varies. This is the escapement error and is caused by the friction on the escapement.

The deadbeat escapement was invented about 1700 and differed by having two active surfaces per pallet. The curved edges of the pallet surfaces are always equidistant from the verge pivot point, and friction is reduced. Its design allowed the impulse to be fixed and reduced escapement error.



The escapement designed by Bernie attempts to reduce timekeeping error. As shown here, the pallets are mounted on the pendulum itself, so that the escape wheel pushes the pallet and pendulum directly and thus reducing error related to multiple friction points. The escapement itself add some recoil due to an adjustment in the rounded pallet. In sum, the escapement error increases the speed of the pendulum by the same amount as the circular error slows it down, therefore cancelling the effect of each other.

For more detailed information, see Bernie's article in the NAWCC Bulletin, #385, entitled "A Simple Regulator with an Isochronous Combination of Pendulum and Escapement".

### NAWCC NATIONAL ELECTIONS

Please see the January/February Bulletin for the biographies of the eight candidates for the Board of Directors (vote for 4) and four candidates for the Nominations and Elections Committee (vote for one) as well as a description of a proposed bylaw change. Ballots will be separately mailed in early February and must be received prior to midnight on April 1, 2013. **BE SURE TO VOTE.**

### MISSING SPOON FROM HOLIDAY DINNER

Pete Schreiner is still missing a silver serving spoon that he brought to the December meeting. It is part of a family setting, which gives it special sentimental value to his family. It is a standard sized (not a long handled) spoon and has the mark "WMF Frazier" on the back. If you mistakenly picked it up with your dish after the meeting, please contact Pete at 770-404-633-4772. Thank you.



All meeting pictures in this newsletter are courtesy of Pete Schreiner.

Many thanks for his on-going contributions.



## NAWCC 2012 MID-SOUTH REGIONAL EXHIBIT

The exhibit for the Mid-South Regional is currently under development. The focus for the 2013 Regional will be that our regional chapter members display their horological craftsmanship. This would include movement design and/or construction, shop tool development, dial painting, case construction and case repair projects, veneering, escapement design and other horological projects. I invite suggestions and offerings on anything else that might showcase our regional member talents in the workshop! I invite and urge you to participate in the exhibit with examples of your own projects. To do so, please contact me at [kduckett@utk.edu](mailto:kduckett@utk.edu) or by phone at (865) 577-5218 and we will develop what can be a most interesting exhibit.

Cheers!

Kermit Duckett , (General Chair; 2013 Mid-South Regional )

3404 Timberlake Drive Knoxville, TN 37920



Carson Mayne



David Pierce

### WELCOME TO OUR NEW MEMBERS

At our February meeting, Chapter 24 gained five new members: David Pierce, Carson Mayne, Mike Ritchey, Billy Orendorff, and Bill Said. Two of these members are pictured here.

### CLOCKS FOR SALE

Wayne Baldwin, son of the late Bill Baldwin, is still selling several items from Bill's personal collection at the Historic Roswell Antique Market. These remaining clocks have been heavily discounted. Contact Wayne at 678-492-2766 for more information or visit the Market at 1207-C Alpharetta Street in Roswell.

### FIELD SUITCASE WORKSHOP

Bill Knaak is the instructor for this course on the repair of American time and strike clocks to be held on April 6-9 in Ft Lauderdale. Although it is late notice, Bill is offering van transportation to and from the class (with an overnight stop in each direction). The only cost would be tuition of \$300 plus food and lodging. Bill is staying at the LaQuinta whose senior rate is \$400 for the 4 days, in addition to the two overnight stops. Contact Bill as soon as possible for more information at 678-642-2418.

### THE GROANER

(courtesy of George Waterhouse)

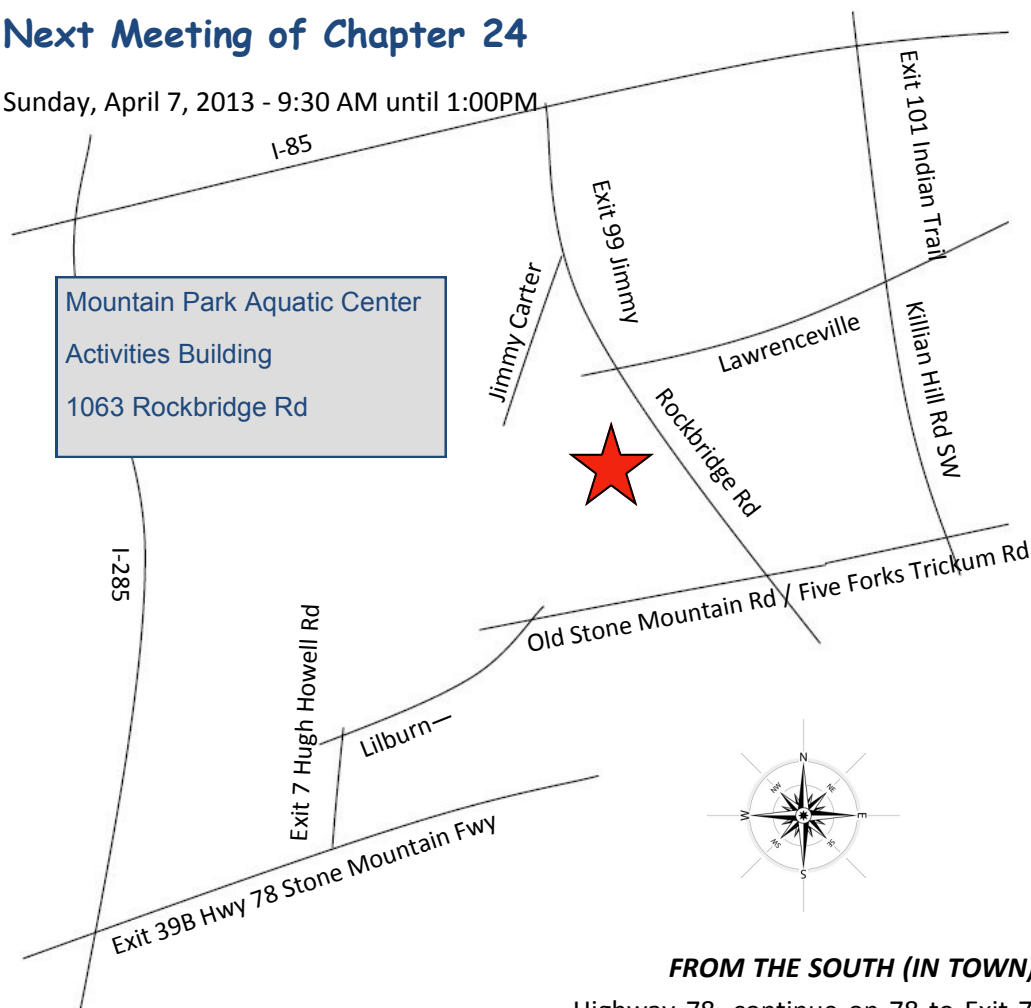
Confucius say: Man who drops watch in toilet is bound to have crappy time.



The Atlanta Chapter of the NAWCC meets the first Sunday of February, April, June, August, October and December. As part of the Mid-South group, it also sponsors the regional meeting in Chattanooga on Labor Day weekend each year, in rotation with the Alabama and Tennessee chapters.

## Next Meeting of Chapter 24

Sunday, April 7, 2013 - 9:30 AM until 1:00PM



**FROM THE NORTHWEST:** Take the I-85 east exit from I-285. Exit 99 and turn right on Jimmy Carter (Hwy 140). Continue and bear left onto Rockbridge Rd. Aquatic Center will be on right—two blocks before Five Forks Trickum Rd.

**FROM CUMMING / HALL COUNTY:** Take Exit 101 Indian Trail / Lilburn Rd NW off southbound I-85. As you cross Hwy 29 Lawrenceville Rd, Indian Trail becomes Killian Hill Rd. Turn right onto Five Forks Trickum Rd. Turn right onto Rockbridge Rd. Aquatic Center is two blocks

**FROM THE SOUTH (IN TOWN):** Take I-285 to Exit 39B which is Highway 78, continue on 78 to Exit 7 onto Hugh Howell Road. After this exit, immediately turn right onto Lilburn-Stone Mountain Road. After 0.2 mile, turn right onto Old Stone Mountain Road. Continue to the intersection of Rockbridge and Five Forks Trickum. Turn left on Rockbridge Rd. The Aquatic Center is two blocks north on left.

Mary Jones, Secretary  
NAWCC, Chapter 24  
3264 Francine Dr.  
Decatur, GA 30033

Membership paid through...