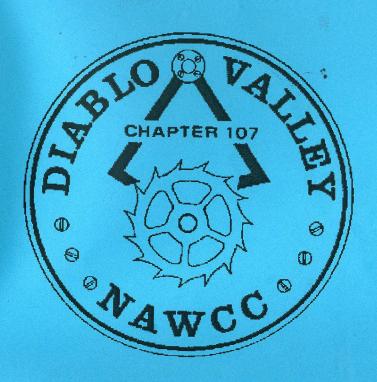
BULLETIN



August 2017 Volume 232

DIABLO VALLEY

Chapter 107
National Association of Watch and Clock Collectors
net.nawcc.org/chapter107
email account chapter107nawcc@gmail.com

Chapter Established March 5, 1978

"Accent on Education"

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NOTICES FOR MEMBERS

(The Bulletin accepts notices from Chapter members for all items/subjects horological - wanted, for sale, giveaway, services, and so forth. There is no charge. All you have to do is supply copy to the editor.)

Wanted: Articles for the *Bulletin*. Contact Tina Thomas (209) 481-3930. Or email ch107bulletin@comcast.net.

Meeting Notice

Annual Picnic and White Elephant Auction

August 13th, 2017

Hosted by Chip Kumparak's mom Joan. Chip's mom has graciously welcomed Chapter 107 to come use her home in Livermore for this year's annual picnic. Joan has a pretty good sized clock collection and more than a few antique's to view inside.

1786 Lomitas Ave. Livermore 94550

Meet 11:30 (No Mart), Feast 12:00 Auction after Lunch

DIRECTIONS TO THE PICNIC

On page 5

August 2017 Picnic Menu

Please bring one of the following based on the first letter of your surname:

A-F chips/dips/fruit

G-Ko dessert

Kp-Si green salad/vegetable

Sj-Z beans/potato salad/pasta

As usual the chapter will provide meat, condiments, and drinks.

We will need a few folding chairs. Anyone who has some, please, bring them



PRESIDENT'S MESSAGE

At our June meeting Mike Derby spoke on "W.D.Clement and His Lathes." Thank you Mike for the interesting and your very knowledgeable uses of the lathe and its attachments. Mike is a horological tool enthusiast.

I hope all of you will be able to attend our August picnic and auction. Please donate your unwanted items, all proceeds from the auction going to support chapter 107. The picnic will be in Livermore and Chip Kumparak is our host. Further details are in this bulletin.

Our first watch video meeting (movie night) will be held in September. Please see further information re time and place in this bulletin.

Our video library is growing. Recent additions are: Engine Turning by well know watch case maker Martin Mathews; and a Detail Study of H4, which shows a reproduction of John Harrison's H4 time keeper which won the longitude prize. Also in the library are videos of recent meetings. Price Russ, John Koepke, and D. H. Meyerson are continuing their research on the Shortt clock project. They are looking for a precision suspension spring and a slave clock. Two promising leads, one in Long Beach California and one in England on EBay, did not pan out. The Long Beach lead turned out to be the wrong clock. On EBay they were outbid.

Thanks again to the Board Members for their help and assistance and to all members for making 107 interesting and enjoyable.



Linda

Directions to our annual picnic at

Take whichever freeway system gets you to Hwy 580, and a few miles east of the 580/680 interchange on Hwy 580 take the Hwy 84 / Isabel Ave Exit. Head south on Isabel Ave (Hwy 84) for 2.7 miles.

Turn Left at the light on Concannon Blvd, proceed for 1.4 miles getting into the right lane, and pass Holmes.

Turn Right at the Stop sign on Evans St.

Proceed to the next stop sign and turn Left on Lomitas Ave, and proceed for another 1/2 (0.5) mile.

1786 will be on the left with lots of white ranch style fencing, up the asphalt driveway between a couple short retaining walls.

If you come to another stop sign with only cross traffic (Arroyo Rd) you've gone too far. Turn around and watch for where the road narrows, and turn right immediately after it narrows.

For anyone getting lost or needing assistance please call: Chip's Cell: 408-499-4538 or Joan's house at 925-449-5892

There is plenty of parking in the front field. Those who need to park closer temporarily while unloading are welcome to do so. The BBQ will be in the rear yard. Easiest access to the back yard will be through the garage or the steps on the right side of the detached garage.

White Elephant Auction

★ This is your opportunity to get rid of your horological
★ excess and acquire lots of new treasures. No item is too
★ humble for this grand affair. Contribute to the fun by
★ participating. All funds go to support the chapter.

Get ready to bid! --- Chip



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Book Review "Times's Pendulum" Jo Ellen Barnett 1998, 340 pages

Time has different meanings in different cultures. Broadly speaking the meanings of time fall into two categories. One is how we interpret the events in the present. The other is how we interpret the distant past. This easy to read book is divided into two parts one dealing with each of these two broad characterizations of time.

In the first part, "The Time of Day", she starts with a discussion of time in terms of the motion of the sun. She then moves on to the evolution of the concept of hours, the development of clocks, and standardization of timekeeping. She does this in 15 short chapters none of which exceeds 25 pages and without mathematics.

In the eight chapters of the second part, "The Time of the Earth", she discusses the evolution of the concept of the age of the earth/ cosmos. Measuring time into the past requires a different type of clock. In this section she traces the evolution of thought about the history of time from the biblical, through the sequence of geological formations, heat flow from inside the earth, and ultimately radioactivity. As in the previous section, she manages to explain the crucial thoughts behind these ideas without going into great detail.

Overall this book can be recommended to anyone wanting to get a first look at the philosophical concepts and crucial developments in both types of timekeeping without being bogged down in too much technical detail or jargon. One thing missing is a discussion of GPS, which plays a crucial role in timekeeping today, but was largely unknown by the general public when the book was written. The text also includes a few glorious mistakes, particularly in discussing some of the half-lives of radionuclides used as chronometers. These mistakes won't be important to most readers. Copies are available on the internet for under \$5.

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Unfortunately we were unable to get pictures from the last meeting. We have photos from the regional of our chapter members who attended and of some of the antique booths



Disclaimer

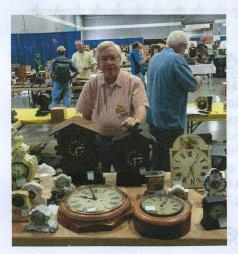
Statements of opinion and/or fact made by authors of papers or articles read before or appearing in the publications of the Chapter are to be accepted as the author's own. The Chapter assumes no responsibility for the accuracy or correctness of any statement of its contributors. This statement of responsibility shall appear in each issue of the Bulletin containing any of the foregoing.

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I just returned from the Pacific Northwest Regional. Since I did not take pictures at the last chapter meeting I am including photos from the regional of our chapter members who attended and of some of the antique booths. I've written a short description of the show.

John Koepke

The Pacific Northwest Regional was recently held in Portland, Oregon. Several of Chapter 107 members attended and some had items for sell. The regional was held with the Palmer's Antique & Collectible Shows, advertised as America's largest. The show had 400 10 x 10 booths outside and 900 10 x 10 booths inside with 160 8 foot tables for the NAWCC. The 2 buildings for the show had 180,000 sq. feet of space. Attendance runs about 18,000 over the weekend. This was a trial run for the regional to expose more of the public to the NAWCC and try to interest the antique dealers to carry clocks and watches. The photos for the bulletin are from the show. Our members are included along with photos of the antique section of the show. I've not seen the final results from the regional, but I can say the number of vendors and the variety of items displayed was numbing.













IN MEMORIAM

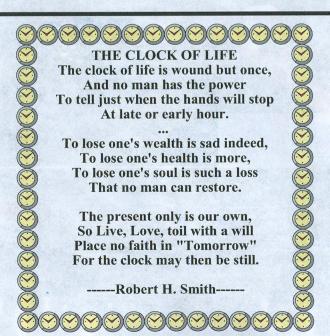


NAWCC Star Fellow Nancy Ankrum passed away on May 1. Nancy joined Chapter 107 in 2011 when she moved to the Bay Area from Pennsylvania where she was active in NAWCC at the national level. At NAWCC, among other activities, she took minutes for meetings of the Board of

Directors and was active in organizing national conventions. She has been described as knowing everyone there. At 107 she will be remembered for providing insights to the workings of the NAWCC, her knowledge of American clocks, and her smile.

Nancy collected early mass produced clocks, preferably in original condition. Among her prize pieces were several wood works tall case clocks and clocks by Samuel Abbott, Brewster and Ingrahams, and Luther Smith among others. She also collected early American furniture and had a large library.

We extend our deepest sympathy to her family. She will be missed.

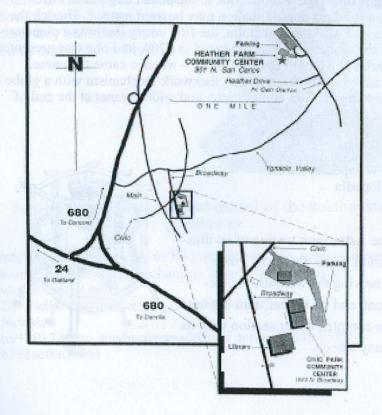


MOVIE NIGHT The Watchmaker's Apprentice

The story of how Roger W. Smith came to be recognized as a watchmaker by George Daniels, the most famous watchmaker of the 20th century.

7:30 PM Wednesday September 13 Club Room, Heather Farm Park 301 N. San Carlos Dr. Walnut Creek

This is the first of what hopefully will become occasional movie nights. The plan is to show horological videos that are interesting but not overly technical. You are encouraged to bring relatives and friends.



Orrery

From Wikipedia, the free encyclopedia

This article is about the mechanical device. For the British peerage, see Earl of Orrery.

A small orrery showing earth and the inner planets

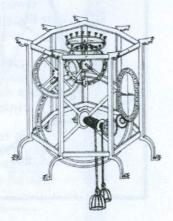
An **orrery** is a mechanical model of the solar system that illustrates or predicts the relative positions and motions of the planets and moons, usually according to the heliocentric model. It may



also represent the relative sizes of these bodies; but since accurate scaling is often not practical due to the actual large ratio differences, a subdued approximation may be used instead. Though the Greeks had working planetaria, the first orrery that was a planetarium of the modern era was produced in 1704, and one was presented to Charles Boyle, 4th Earl of Orrery – whence came the name. They are typically driven by a clockwork mechanism with a globe representing the Sun at the centre, and with a planet at the end of each of the arms.

From Wikipedia, the free encyclopedia

The Astrarium: tracing of an illustration in the *Tractatus astrarii*showing the weights, escapement, and main gear train but not the complex upper section with its many wheels



Astrarium of Giovanni Dondi dell'Orologio

The Astrarium of Giovanni Dondi dell'Orologio was a complex astronomical clock built between 1348 and 1364 in Padova, Italy, by the doctor and clock-maker Giovanni Dondi dell'Orologio. The Astrarium had seven faces and 107 moving parts; it showed the positions of the sun, the

moon and the five planets then known, as well as religious feast days. It was one of the first mechanical clocks to be built in Europe.

Carlo G Croce, reconstruction of Dondi's Astrarium, originally built between 1348 and 1364 in Padova



To see more on mechanical model of the solar system go online to:

http://quillandpad.com/2017/07/30/graham-geo-graham-orrery-tourbillon-analyzing-mechanical-wonder-plus-video/? utm_source=Quill+% 26+Pad+subscribers&utm_campaign=b381aef6c1-

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CHAPTER #107 MEETINGS

Second Sunday of the Even Numbered Months

Mart:

10:30AM

Chapter:

12:00PM

Board:

after the Chapter Meeting

Future Meeting Dates

October 8th, 2017

December 10th, 2017

We want to keep our members coming to the chapter meetings on a regular basis. If you have problems with transportation to and from meetings, let a director or officer know so we can help you find a carpool.

Only NAWCC members can participate (buy or sell) in our Mart. Be prepared to show your current 2017membership card.

Other NAWCC Chapter Meetings in Northern California				
Chapter	Meeting Address	Meetings		
De Anza #94	Odd Fellows Lodge 20589 Homestead Rd Cupertino, CA	2 nd Sunday even months (except April)		
Monterey Bay #70	Live Oak Grange Hall 1900 17th Ave Santa Cruz, CA	3 rd Sunday odd months		
Sacramento #71	Sacramento Garden Center 3330 McKinley Blvd. Sacramento, CA	4 th Sunday odd months		
San Francisco #5	Boys and Girls Club 401 Marina Blvd. San Leandro, CA	2 nd Sunday odd months		

DIRECTIONS TO CHAPTER MEETINGS

(except August and December)

743 Diablo Road, Danville

Take Interstate 680 to the Diablo Road exit in Danville. Go east on Diablo Road for 0.6 mile. The Grange Hall will be on your right. Parking is available in the front and rear. Enter from the front; *i.e.*, street side. Facing the building from the street, there is a ramp on the right side for handicap and cart access.

CHAPTER LIBRARIES

BOOK: The Chapter book library is located at Classical Clocks and Antiques, 1082 E. Stanley Blvd., Livermore. Contact Nile Godfrey (925-449-2127) for more information.

VIDEO: Chapters 107 and 5 share a DVD video library. Contact Price Russ (925-937-9231) for information.

TOOL: Contact Walt Hubrig (925-685-0260) or Price Russ (925-937-9231) for information on the tools and parts available for use by Chapter members.



