

THE Tic Talk Times



November 2004
Vol. 24, No. 4

Newsletter of Orange County Chapter 69 of the
National Association of Watch and Clock Collectors

Meeting minutes: Oct 1, 2004

Case Complete

Our first meeting in our new location was called to order by President Charles Register at 8 p.m.

We welcomed our guests for October, Larry and Geraldine Smith and Mattias Bellasalmo. Thank you for visiting us!

Many thanks to Bill Acuna for bringing the refreshments this month!

Upcoming dates to remember are:

- October 23 – Chapter 116 Supermart, Arcadia Community Center
 - October 28 for the 2004 National Seminar in Portland Oregon
 - November 21 – Chapter 4's mart at the Bellflower Masonic Lodge
 - February 4 and 5 – Greater LA Regional at the Pasadena Center
- September's meeting minutes were approved by the membership.

On behalf of Julie Stevens and the nominating committee, Dave announced that President Charles Register, Secretary Jana Smith, and Treasurer Julie Stevens would be running for second terms in their positions.

Continuing in their two year terms will be Doug Adams, Annette DiMino and Dean Armentrout.

We need nominees for Vice-President! The Vice-President is in charge of our programs every

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This month

A World of Time

The Geochron World Clock is a unique and beautiful time piece that shows you where the sun is shining around the world. The shape of the lighted area changes as the time of year advances, and the location of the lighted area changes as the time of day moves forward. Every time zone in the world is marked, so you can tell what time it is for any part of the world. Also, see where the sun is at it's zenith (high point) for any given time.



Our long-time member Carl Carlson happens to own one of these exciting timepieces, and he has graciously agreed to share his clock with us this month. He'll talk about all the features of the display as well as the inner workings. It promises to be a fascinating presentation.

Also this month, we will be holding elections of the officers and directors for the coming terms. This will be in conjunction with our required annual membership meeting, so we ask that all our

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More Than Ever

Our sincere thanks to the members who pitched in to help us set up and take down our meeting room setup at the new Masonic Lodge location.

As you all should know, we now have no building caretaker like James to set things up for us – we're on our own. This means that each month, we need members who are willing to arrive early and/or leave late to move tables and chairs into our familiar configuration. There are probably a few who are willing to do it each and every month, but it's not fair to ask that of anyone, nor is it wise, since one month's absence could throw things into disarray.

Another area that we must staff each month is the kitchen. We need people to prepare the coffee and refreshments, and then to clean up afterwards. And while we're on the subject, do you have any old large serving platters you're not using? We need them to lay out the cookies and treats!

We're asking you – yes, you – to consider helping out at least one or two months each year. At the coming meetings, the Mart and Hospitality Chairpersons will be circulating sign-up sheets, asking you to commit to helping with these very important tasks.

And do you enjoy having programs at our meetings? If we don't find a volunteer to take the Vice-President's position, our meetings could become nothing

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Meeting Minutes *(from page 1)*

month. You would be perfectly suited for this office if you attend meetings of other chapters since you would be seeing many of the programs they offer. You might see some that we would like to feature. Please consider volunteering your time for this important position!

For those of you who attended, thank you for making the first meeting in our new location – The Masonic Lodge of Garden Grove – a great success! We do realize that we have a few kinks to work out such as lighting, the sound system and how we serve coffee, but we're confident that these issues can be addressed in the coming weeks.



For this month's Beginner's Corner, Charles told us about a new Tag Heuer wrist-watch. The new Monaco V4 is truly unique in that it runs on drive belts! These belts are efficient because

they reduce the amount of friction normally inherent on a series of cogs. The automatic movement is powered by a platinum ingot that slides back and forth as the wearer moves. The watch is featured in the August 2004 issue of Popular Science magazine.

For this month's presentation, we watched the second half of the video, "Four Generations of Watch Case Makers." The video features Martin Matthews who is an English watch case maker. Our presentation picked up where we left off last month with Mr. Matthews fabricating the outer case for a pair cased watch.

We watched as a hinge and lock were made and the case put together. A replacement bow was also fabricated for the watch.

An added bonus was that Martin Matthews has some antique machinery in his shop that can engrave engine turned patterns onto metal. The engine turning patterns are used as decorative elements on some watches. Sometimes guilloché enamel was added over the engine turning, the patterns show through the transparent enamel.



The video in its entirety is really fascinating! Martin Matthews uses tools that are foot and hand driven. His soldering torch is a mouth blow torch. It's a fascinating look at the ancient craft of gold and silversmithing!

This month's Show and Tell was horological items beginning with the letter "E".

Gene Osten brought in a watch looks very similar to the one that is featured on this month's presentation video! It's a very nice watch in a pair case (*bottom left*).

Dick Duwe bought in a Phinney Walker clock that he purchased on Ebay! This clock features a miniature Crown Royal bottle encased in a clear block (*top*). Dick says it satisfies two habits!



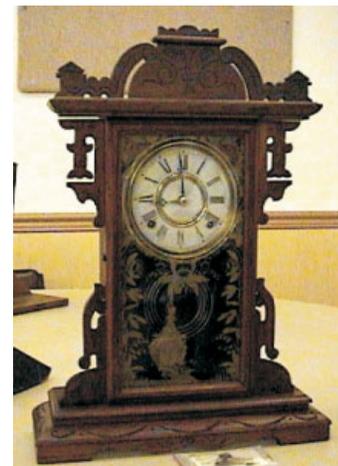
Les Lesovsky brought in an "Elegant, electric perpetual clock, for an eclectic executive!" (Top that one!)

Gary Walters shared with us a beautiful clock by E.N. Welch.

This month the door prizes went to Al Hoffman, Pete, Bill Acuna, Mr. Campia and Gar Walters. Congratulations!

Our meeting was adjourned by Charles.

Respectfully
Submitted by,
Jana Smith, Secretary



More Than Ever (cont.)

more than a social hour. The Vice-President's main responsibility is to line up the programs each month. It's a task that can be accomplished easily in a minimum of "leisure" time. If you have ideas about what kind of programs you'd like to see at our chapter, you're ideal to volunteer for this position.

It's a new era for Chapter 69. We all want to continue in the pattern of growth and increased interest this chapter has been generating, but now, more than ever, we need your help to do it.

This Month (cont.)

members come and participate.

Due to the elections and membership meeting, we will not have a Beginner's Corner this month, but if there's time after Carl's presentation, we may hear from some of our members who attended the Ward Francillon Time Symposium, "Horology and Science," in Portland, OR, in October.

Next month: Our annual holiday party, and the return of the "Ugly Clock and Watch Contest"!



E. Ingraham & company "Ionic Calendar" circa 1880. Features B.B. Lewis's patent perpetual calendar mechanism, and Elias Ingraham's patented case design.

Dave's Shop Talk

The Basket Case

Friend says, "Here's a clock for you. I think it's complete."

"OK. Thanks."

Clock sits for months, untouched. Came out of its box on a rainy day. Unremarkable. A 30-hour "Cottage" timepiece from the 1870s. Hands missing. Only two screws holding face in place. Top movement bracket not attached.

Movement looks good at first glance. It's certainly clean. Nevertheless, I take it apart and pop it into the ultrasonic.

Out of the dryer. Grease the spring, examine pivots, assemble to check for worn bearings. And then the fun starts.

There's no gear connecting the power train to the canon arbor. Hm. The lantern pinion on the number two gear looks a bit rough. Hold on, that pinion doesn't mesh properly with the main wheel. It needs to be bigger. Something's not right. Something's not original.

How can I make this clock work?

First order of business: Find a pinion that will work. Searched through my box of American gears (the only thing I bought at the 2002 National). Found one. The arbor is a few thousandths bigger, but I can punch it tight.

Next, figure out how to drive the canon arbor. Count the gear teeth. Do the math. Can't drive it from the number two gear; the pendulum would need to be way too long. A 4" pendulum, something in the 10,000 to 11,000 beats per hour range, is what's needed.

The mathematical solution would be a 40-tooth gear to go onto the canon arbor which would be driven by the number two pinion. Back to my box of gears. Eureka!

Stake one cap of the new pinion onto #2. Make new, longer trundles. Stake bottom cap and adjust location to mesh with other gears. Drill out center of 40-tooth gear to fit canon arbor. Install clutch spring. Hey, we're cookin' with gas now!

After minor adjustments, everything fits and spins. Ready to try it under power. Affix mainspring to the great wheel. Assemble everything. Give it a couple winds and hang the bob.

Huh? It's running backwards! Everything's right except the direction of the great wheel's ratchet. Now I know which part wasn't original. Completely disassemble great wheel. (Why am I doing this? Don't I have better things to do?) Modify the ratchet hub. Re-mount click and click spring. Re-stake hub and attach the gear.

Good heavens. It works! It keeps time! Was it worth it? Certainly not monetarily. But I can't remember when I've had so much fun figuring out a puzzle.

**DATED MEETING NOTICE
PLEASE DO NOT DELAY**

Orange County Chapter No. 69
c/o Dean Armentrout
332 Forest Avenue, Suite 6
Laguna Beach CA 92651

The National
**ASSOCIATION OF
WATCH & CLOCK
Collectors, Inc.**



Our Next Meeting: November 5, 2004

Program:

LIVE PRESENTATION
"The Geochron Clock"
By Carl Carlson

Time: 7:00 – Doors open
8:00 – General Meeting

Admission: \$4.00 – General
\$6.00 – Couples

Location: Acacia Grove Masonic Lodge
11270 Acacia Parkway
(in the Civic Center)
Garden Grove, CA

Beginner's Corner Mini-Seminar:

No Beginner's Corner this month

Show & Tell:

Horological items beginning with the letter "F"

Board Meeting:

Wednesday, Nov. 10, 7:30 P.M. at the home of:
Dennis Woodson
5802 Shasta Circle
La Palma, CA 90623
(714) 522-1945

