



## THE TOURBILLON

by Ken McWilliams

Ever since the mechanical clock was invented, the importance of the oscillating body to maintain a perfectly consistent motion has been generally accepted. More precisely, its oscillations must be isochronous. (This is a big word that simply means that it must keep uniform time regardless of the amplitude of the pendulums swing, balances rotation, etc.) Once this principle was understood, it was also realized how difficult it would be to achieve this goal and actually create an isochronous mechanism. It could be said that virtually all attempts to make horological improvements were attempts to get more accurate results in this direction and the tourbillon is one of the greater successes to this end.

Invented in 1795 by Abraham-Louis Breguet and patented in Paris in 1801, this mechanism was created in order to eliminate certain problems that seriously limit the accuracy of watches worn on the person. One of the main obstacles encountered is the problem of position. Whether it is a pocket watch or a modern-day wristwatch, it never remains static, but is constantly subject to being moved.

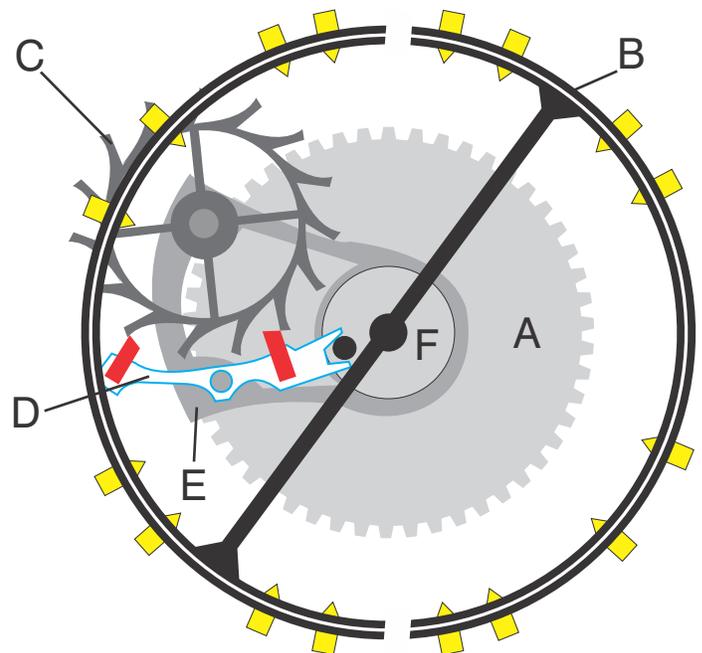
Centrifugal error is caused when the balance spring dilates during oscillation when the watch is laid flat. When it is in a vertical position gravity "theoretically" cancels out positional error. This problem is caused by the constant expansion and contraction of the balance spring. Even if it is isochronous, during oscillation it exercises an irregular pressure on the jewel-mounted balance pivots, and consequently affects the precision of the watch.

Breguet's idea was to reduce this error by making the escapement rotate. (In other words, the escape wheel, the pallet assembly, the regulator, and the balance are all in constant motion.) This results in a positional error which is constant. If an error is constant, it can then be calculated, and thus regulated. If an error is not constant, it cannot be regulated.

We cannot expect the wearer of a watch to keep it in constant motion, but it is certainly possible to place a portion of the mechanism in constant motion. The theory simply stated is: the position of the watch matters little, if its regulatory mechanism (the escapement) is in constant and regular motion. I admire the simplicity of the concept and have great respect for the watchmakers who have managed to bring this delicate mechanism to life. (Some have described the tourbillon as resembling a tiny beating heart.)

Breguet's initial idea was to make a tourbillon with a rotation of one revolution per minute, because the indication of the seconds on the dial was mounted directly on the carriage pivot, which rotated once a minute. In the tourbillon system, the seconds wheel is fixed to the lower plate. The pinion of the escapement wheel on the carriage meshes with the fixed seconds wheel on the lower plate, and the rotation is transmitted to the carriage by means of an intermediate wheel which meshes with the carriage pinion. In summary, the intermediate wheel transmits the moving force of the mainspring to the carriage pinion, while the escape wheel pinion on the carriage receives the moving force from the carriage, and tempers it by turning around the fixed wheel.

If you haven't seen the tourbillon in action, it is very difficult to visualize it with only verbal descriptions. I was unable to find a simple illustration of its balance assembly so I had to create one of my own. I think that this will help. but to really appreciate the tourbillon, you must make it a point to see one in action.



**A-Fixed wheel.** (Does not rotate.)

**B-Balance.** (I have omitted the hair spring for better visibility.)

**C-Escape Wheel.**

**D-Palet/fork assembly.**

**E-Carriage.**

**F-Roller.**

Continued on page 3

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David Coatsworth  
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## PRESIDENTS MESSAGE

By Ken McWilliams

Any organization is only as good as its membership, and Chapter 190's is exceptional. We have a dedicated board of directors, and a very supportive general membership. We constantly strive to find ways to keep our chapter interesting, educational, and above all, fun.

Next month we will be combining fun and education when we meet at the Santa Barbara Courthouse October 16, 2016. We will enjoy lunch in the recently restored mural room, and then break up into groups for a tour of the Courthouse and the Tower Clock room. As many of you know, our member, Mostyn Gale, is the clock master of the clock. Members of Chapter 190 volunteered to help Mostyn completely restore this clock. It is a very rare Seth Thomas triple train clock with a gravity escapement. No clock or watch enthusiasts should miss this opportunity. It is also the only tower clock that I know of, that you can access by elevator. Reservations are required to attend this event. A registration form is included in this newsletter. **Please note:** There will not be a meeting at Ventura College in October.

In November, we will celebrate the completion of our Chapter's first decade. It's hard to believe that we started this organization 10 years ago. You should all be proud of what we have accomplished in that time. The celebration will include many door prizes (some quite valuable), an anniversary cake, dancing girls and champagne. (Well, maybe no dancing girls or champagne, but there will be a special treat which will be announced in our next newsletter.)

In February of next year, we will resume Chapter 190's annual Mart. It will be held at the Ventura Fairgrounds and will be our biggest and best Mart to date. It may even rival some Regionals. A seller's registration form is also included in this newsletter.

Matt Bonaccorso, our program director, came up with an idea that we decided to try out. Instead of our regular type of program, we will have a program that is open to the entire membership. We all have little tricks, schemes, tools, methods, stories, etc, etc. that deal with some form of horology. It can even be a show and tell of something special to you. We have about a dozen people who have volunteered to share their secrets with us. Please join in with them and share with the group at our September meeting. If a photo or illustration would aid in your explanation, I can display it on the large screen while you tell us about it. Please send it to me by Friday, September 16 so that I have time to create a PowerPoint show. My contact information can be found on the left side of this page.

Hope to see you all at the next meeting.

*Ken McWilliams*



## Happy Birthday

### September

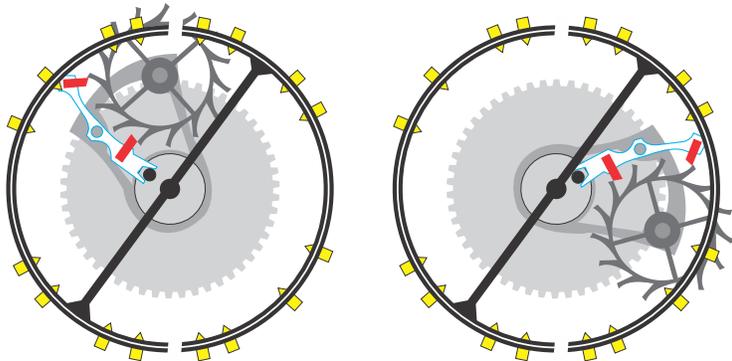
Tom Beard, Tom Ferkel, Chris Manzione, Alexander Rose,  
David Rubright, David Spong, Chip Stevens, Norma Zuber,

### October

Jess Ashby, Rod Christel, Larry Lopes, Marco Perez, Jeff Rider,

**Continued from page 1**

The balance functions much like the ones found in many watches, with the exception of the escape wheel. The escape wheel pinion meshes with the fixed wheel and causes the entire balance assembly to rotate around the wheel. This provides the constant motion that Breguet required for compensating and regulating random movements of the watch wearer.



Engineers and scientists have long been obsessed with the quest for precision. Watchmakers have carried the art of precision to greater heights by simplifying, studying, and adopting the most unusual formulas and materials in order to gain that tenth of a second per day, which at times has seemed like an insurmountable task. Imagine: a watch with a daily error rate of 1 second has a relative error of less than 0.0000116%.

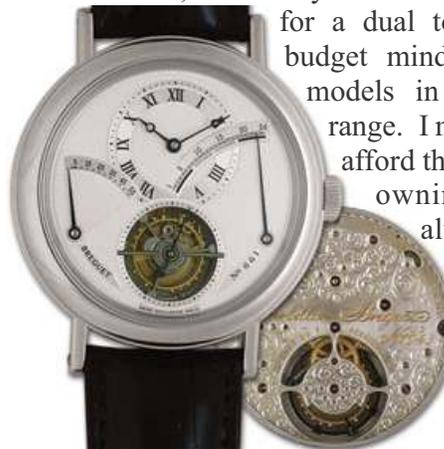
When we look beyond the technology, we usually find a master watchmaker, whose skill and esthetic sense are able to reduce errors that even the most sophisticated machines can not eliminate. This explains the tourbillon's power to fascinate. One can't help but admire this small, complex, and ceaselessly rotating mechanism, with its infinite fragility and delicacy. The tourbillon proves that even in today's electronic world, hand-made masterpieces will always be appreciated.

Omega, for their 100<sup>th</sup> anniversary in 1994, produced the first "center" tourbillon. The hands are painted on two sapphire discs placed one on top of the other to display the hours and minutes. The gearing for the discs is on the periphery of the dial. This allows the escapement and tourbillon cage to occupy the center.

(I believe that Omega had a "mystery" quartz watch with a similar display back in the 70's.) Omega built about 20 of the anniversary watches which sold for \$79,000.



A new Breguet, the company that bears the inventors name, could set you back as much as \$390,000 for a dual tourbillon. For the budget minded, they do have models in the low \$50,000 range. I may never be able to afford the luxury of actually owning one, but I'll always be able to appreciate them. If you would like to learn more about Breguet and company, you could get the book by Emmanuel Brequet "Brequet, Watchmakers Since 1775". But alas, even the book is expensive, at \$175.00. ■



But alas, even the book is expensive, at \$175.00. ■



*Here's a clock made for procrastinators*

**A CLOCK WORD PUZZLE**

By Ken McWilliams

FIND THE VERTICAL, HORIZONTAL OR DIAGONAL PATH TO A 25 LETTER ANSWER. USE EACH LETTER ONLY ONCE.

|     |   |   |     |   |
|-----|---|---|-----|---|
| T   | A | U | E   | O |
| O   | R | Q | F   | H |
| I   | D | N | T   | R |
| (D) | U | D | N   | O |
| (S) | I | A | L   | S |
| (S) | □ | □ | □   | □ |
| □   | □ | □ | □   | □ |
| □   | □ | □ | (D) | □ |

clue:  
Ever wonder why clocks go clockwise? Henry Fried says, it's because.....

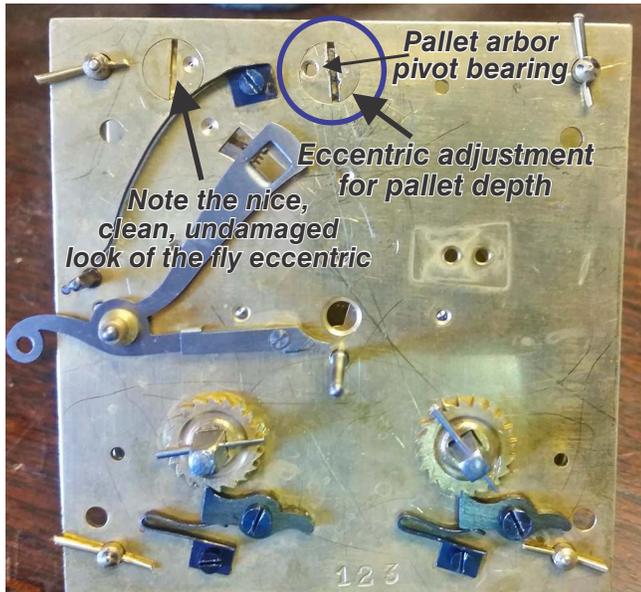
The solution is at the bottom of page 7

# Tales From the Bench

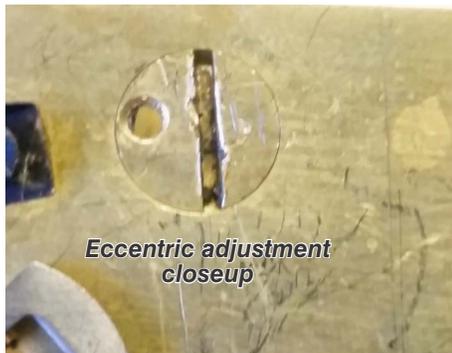
by Ferdinand Geitner

## To Bush, or Not to Bush, That is The Question

Worn bearings are a common sight on clock movements coming into the shop for repair and there is no problem finding a correct bush and equipment to carry out the replacement.



There are occasions when “normal” repairs cannot be made and just such a case came into the shop the other day. A repair person asked me to set up a dead beat escapement on a Vienna regulator which had been serviced but the pallet stones did not clear the escape wheel teeth.



Vienna regulators have an adjustable (movable) bearing on the front plate for adjusting the correct depth of the pallet (anchor) into the escapewheel. The adjustment is a disc, riveted into the plate (not too tight) with a slot cut into it that allows a screwdriver to turn it. This plate has the bearing hole for the pallet arbor pivot drilled close to the outer edge. This creates an eccentric. The oil sink faces out. By turning this disk the pallet arbor can be moved into or out of the escape wheel. It is an alignment which I found fault with many times, as the position of the pallet stones has to be correct as well (and often is not). It may be adjusted separately after repairing worn impulse surfaces.

But back to the bush. The bearing was worn and a new bush was fitted. 90% of the time things would still line up correctly and the escapement would work as before if it had been set up correctly and the bush replaced in exactly the same place.

Something went wrong and things were NOT lined up as before. The bushing tool started cutting into the edge of the main plate and rotated the disk slightly in doing so. The pallet needed to be closer to the escape wheel and to correct this error one would turn the disk to move the arbor closer.



Unfortunately, the new bush on the edge of the adjustable disk, though small in diameter, slightly protruded into the main plate and trying to turn it tilted the bush locking the pivot (fortunately not breaking it). The adjustable disk is larger on the front of the plate than on the back so when bushing from the front it looks ok but the back is cutting into the main plate eliminating the adjustability.

What to do? It needs a perfect bush to work right! The nice thing about an adjustable disk is that it is “movable” Turn the disk 180 degrees which moves the original (worn) bearing out of the way and with a good



The plates are attached and held flat and perpendicular to the centering points.

This spots the exact location for the pivot hole.



*The new pivot hole with pallet arbor in place.*

bushing tool (a staking tools opening is not wide enough) there is a stake which has a retractable cone (a centering stake) which lines the opposite bearing exactly with where the new bearing should be on the opposite plate. I secured the plate, to keep it perfectly flat, and using the centering tool on the machine marked the correct spot, then drilled a new hole into the disk making a perfect bearing for the arbor and kept it adjustable !!!

This can be done a few more times if necessary as the disc has room for additional holes. ■



## A Cure For Phone Rage

by Ken McWilliams

Here's a scenario that plays out millions of times a day in households across America. You're just sitting down to dinner, or it's the last few minutes of a TV show that you are watching, or you're involved with a repair project or hobby that requires your full attention, and then, the phone rings. You stop what you're doing and answer it. On the other end of the line you hear a bubbly voice announcing: Hi, I'm Susie, and this is your lucky day. You realize that it's another one of "those" calls. You utter some unpleasantries and slam the phone down. You can yell and scream at the intruder but it won't make any difference, because it is a computer on the other end of the line, and computers can't be insulted. They are relentless, and dutifully continue to make thousands of calls per hour. These are called, "Robo Calls" because they are basically robots.

So what can you do? You've already signed up for the "do not call" program. At first that program seemed to make a difference in reducing these unwanted calls, but telemarketers soon learned that very few were actually being prosecuted or fined, and now they simply ignore the do not call list altogether. If you have caller ID you can usually identify these and just ignore them. However, you still have to listen to the annoying rings until your voicemail picks up. Tempers flare, blood pressure goes up, and suddenly you're in a bad mood. Since you can't confront the caller, your loved ones, or your dog, often take the brunt of your rage. So it looks like the telemarketers have won.

But wait! All is not lost. Help has arrived. Because of all the complaints, the FTC created the "Robo call challenge". They offered a cash prize to anyone who could come up with a way of defeating these calls. There was a winner. Two guys came up with a method to combat Robo calls, and created a company appropriately named NOMOROBO. Most major phone services support NOMOROBO, including cable and Internet companies. (A complete list is on their website.) Sign-up is simple and the service starts immediately. And guess what, it's FREE! Now there are some Robo calls that we want to receive, such as automated calls from our pharmacy, doctor, school, weather warnings, etc. etc. These will still get through, only the telemarketers will not. This service intercepts not just Robo calls, but also live telemarketers as well.

I have been using this service for a little over eight months now and I have to say my scowls have turned to smiles. The Robo call will still ring your phone, but only once. It is then intercepted by NOMOROBO. You have to train yourself not to answer on the first ring, which is no big deal at all. Now when the phone rings once and stops, my wife and I look at each other, smile, and say, "ROBO". In the eight months that I've had this service I have not had any problems with the service, and have had only two or three telemarketers that got through. I simply jot down their phone number, go to the NOMOROBO website and enter the number in their "report a number" section, and that's the last I hear from them. I have told other members of our Chapter about this service and after they signed up they were quite verbal about their satisfaction with the service. One person, was receiving dozens of these a day. They were considering changing their phone number to get relief.

I'm sure that the telemarketers are working hard to find ways to defeat this system, but now we have someone on our side working just as hard to stay ahead of them. At this time, the service is only available for wired phones and not for cell phones. However, NOMOROBO is working on a separate service that will work with cell phones. This one is much more complex and there will probably be a fee for it. You can go to their website for more information and to sign up. Their website is: [www.nomorobo.com](http://www.nomorobo.com). ■

# Chapter 190 People



**George Gaglini demonstrating the versatility of the Sherline Lathe at our free workshop**



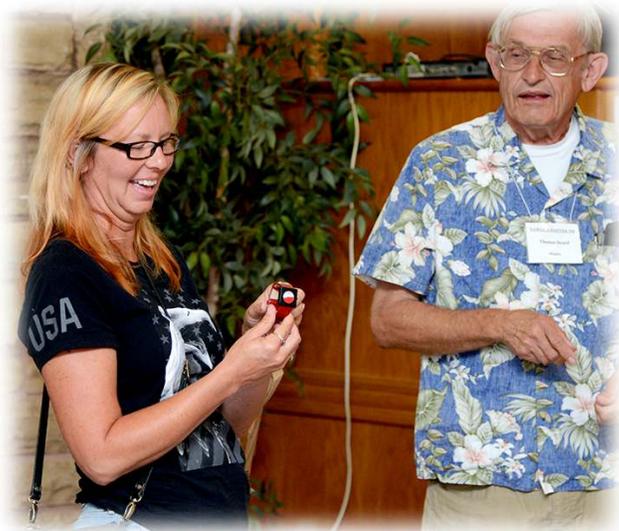
**Jorge Montoya and Ralph Napolitano discussing a watch**



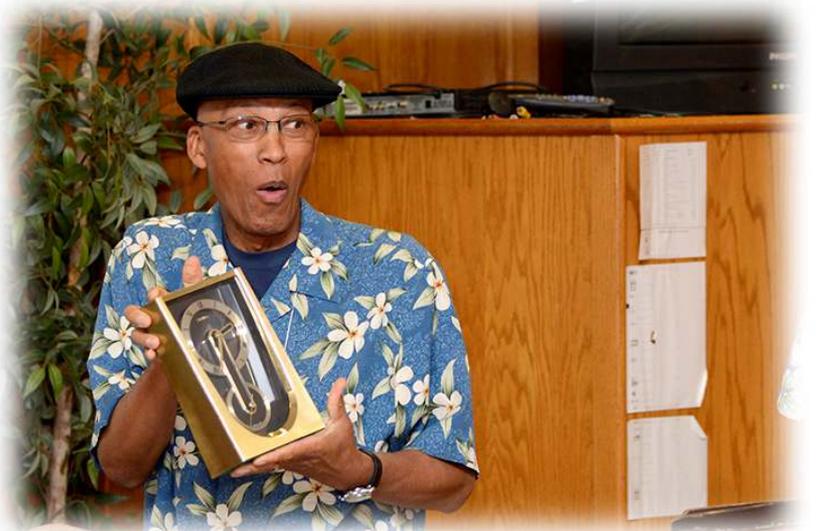
**Dave Coatsworth presenting his program on The Dueber-Hampden Watch company**



**Wheeling and dealing at our mart**



**New member, Shannon Spiess wins a nice watch as one of the door prizes**



**(6) Walter Pickett wins a new clock as the mystery prize in the door prize drawing, , , , , again!**

## EDUCATIONAL OPPORTUNITIES

by Mike Schmidt

The Sunday morning workshops held prior to the monthly meetings are free and open to all. This is a great opportunity to learn many new repair techniques. It is an opportunity to bring clocks and watches and receive assistance with perplexing repair problems. Guests are always welcome. The workshop begins at 11:00 and the coffee will be on.

A FSW 103 *"Introduction to Chiming Clocks"* is January 20-23 at the Historic Off Fellows Lodge in Santa Paula. The instructor is Lex Rooker. Pre-requisite is completion of FSW101 and FSW 102 workshops.

A FSW 301 *"Introduction to Basic Pocket Watch Repair-American Watch"* is offered January 27-28 2017 at the Dudley House Museum in Ventura, CA Ferdinand Geitner will be the instructor. Contact Mike Schmidt for more information and to reserve a place in the workshop.

Chapter 190's *"Introduction to Antique Clock Collecting, Repair & Maintenance"* Open to members, friends and the public. The only prerequisite for this workshop is "Interest & Curiosity" in mechanical clocks. All tools, movements, and knowledge will be supplied. The next workshop is February 11 & 12 2017. For further information, contact Mike Schmidt 805 988 1764 or email [EagleCreekClocks@msn.com](mailto:EagleCreekClocks@msn.com)

**NOTE:** The September Platform escapement workshop is sold out. We will schedule another workshop in the future, if you are interested please let Mike know by email,

NAWCC "Luxury or Lie" How to Identify Genuine Watches- Nov. 12-14 at the Odd Fellows in Santa Paula

Chapter 190 Educational committee will soon be offering some new workshops and some new reformatted Workshops. In addition to new Field Suitcase Workshops we have strong interest in a Platform Escapement Workshop and a 400 day/Anniversary clock Workshop.

Please let me know what workshops or instructions you desire.

Contact Mike Schmidt at phone 805 988-1764 or e-mail [eaglecreekclocks@msn.com](mailto:eaglecreekclocks@msn.com)

*"Action is the Foundational Key to All Success"*

The September Chapter 190 Meeting  
is September 18, 2016

Sellers may start setting up at 11:30

The Mart is open from 12:00 til 1:15

The Meeting starts at 1:15

**"Secret Tech Tips"**

**Presented by Y O U!**

Yep, you're reading it right. This month's program is going to be about things that our members have discovered about clocks, watches, tools, collecting etc. that have made their lives easier or more fun.

We have about a dozen people who have already volunteered. Join in with them.

**No program in October, meeting is at the Santa Barbara Courthouse.**

**No Meeting at  
Ventura College  
in October**

**The October meeting will be  
in Santa Barbara at the  
Courthouse. Pre-registration  
is required to attend.**

**This Month's Mini-Workshop  
Starts At 11:00AM**

The workshop will be led by Ferdinand Geitner. This is an open forum workshop, so bring your problem clock or watch and let the group help you.

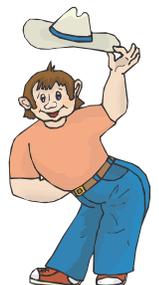
Don't let your clock problems baffle you,  
come and let our experts confuse you.

Solution to the Clock Word Puzzle on Pg 3  
**"Sundials north of equator did"**

*Welcome New Members*

★ **Manuel Valdes**  
from Oxnard

★ **Shannon Spiess**  
from Oxnard



# CLASSIFIED PAGE

This page is dedicated to advertising for Chapter 190 members. It is, of course, free to members.

## SERVICES OFFERED

### **The Montecito Clock Gallery**

Restoration, repair, sales of clocks and watches.  
**Ferdinand Geitner**, mbhi, owner and operator  
Now located at 1187 Coast Village road, unit 10a  
Montecito (one block from old site)  
(805) 565-9097

### **The Clock Gallery**

**George Gaglini**

*Serving Ventura County and More . . .*  
*Expert Repair - Service - Restoration*  
*Grandfather - Wall - Mantel - Marine - Atmos*  
*House Calls - Packing & Moving*  
**805-647-0699 or 805-497-8381**  
***theclockgallery@roadrunner.com***

### **The Tic Toc Shop**

**Clock  
Repairs,  
Restorations  
& Appraisals.**

**Ken McWilliams**  
**(818) 718-8300**

**Jorge Montoya**

### **Complete Watch Service Center**

Repair & Restore all American & Swiss watches.  
12 years as a Rolex technician. We maintain a  
complete shop with all the latest equipment.  
**(562) 531-0545 • (562) 688-6171**  
E-mail: [jorgemont2001@netzero.net](mailto:jorgemont2001@netzero.net)

### **PACIFIC COAST CLOCKS**

**In business since 1977.**

Sales and Restoration of both new and antique  
clocks. Repair of all types of mechanical clocks.

*Loren Miller* proprietor.

4255 E. Main St., No. 15, Ventura, Ca. 93003

(Located in Firehouse Plaza at Main St. and Telephone Rd)

Monday through Saturday 10:00 to 6:00 pm.

**Tel. 805-650-8800**

## FOR SALE

### **WATCH REPAIR TOOLS & MORE!**

I will have a huge selection of watch repair  
tools and other items from my latest estate  
buy at the Chapter 190 meeting.

**Dave Coatsworth**  
**dave@daveswatchparts.com**



### **MicroSet Timers for Clocks and Watches**

Precision electronic timing tools for clock and  
watch repair with many unique features. Prices  
start at \$250. Full information is on the website:

**[www.WatchTimer.com](http://www.WatchTimer.com)**

**Mumford Micro Systems**  
3933 Antone Road  
Santa Barbara, CA 93110  
**(805) 687-5116**

## WANTED

### **URGENTLY NEEDED, VISIBLE ESCAPEMENT MOVEMENT**

French type-platform escapement (no pendulum)

Winding hole spacing of 38.9 mm, (1.53")

Repairable, other details available on request.

Bob Reichel, [welchdoc@yahoo.com](mailto:welchdoc@yahoo.com) **Ph: 1-206-364-7374**

**Antique French** 2 or 3 dial calendar clocks.  
**Antique English** 2 or 3 gear-train skeleton clock.  
Loren Miller, **Pacific Coast Clocks**  
4255 E. Main St., No. 15, Ventura, Ca.  
Located in Firehouse Plaza (Main St. & Telephone Rd.)  
**Tel. 805-650-8800**

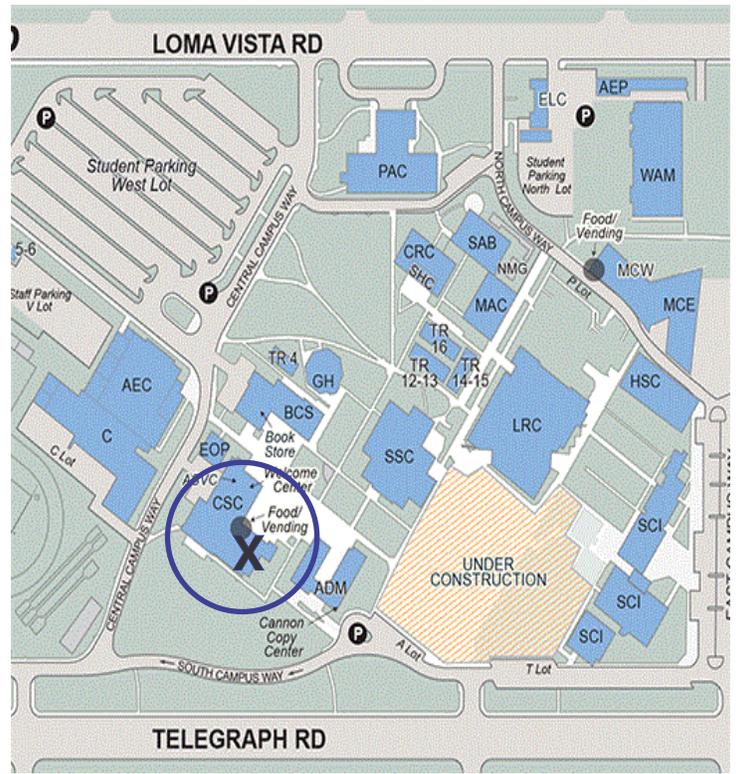
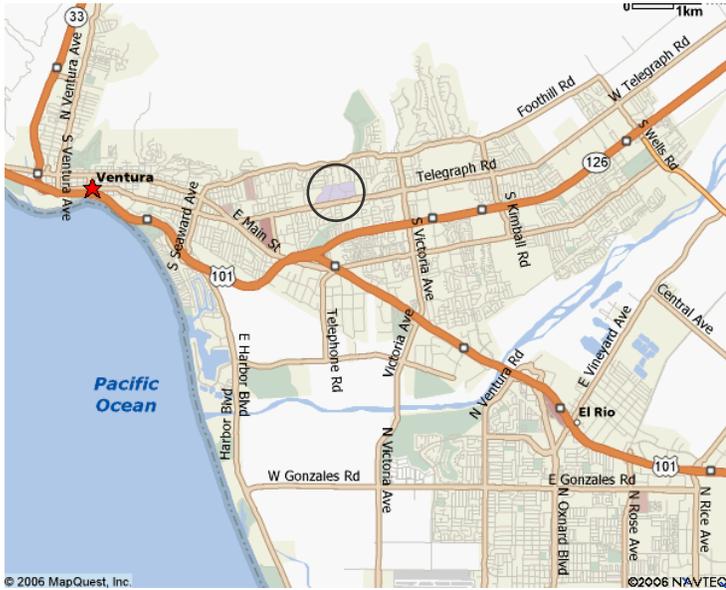
### **- Chronometer -**

Hamilton 21 Marine Chronometer in running condition, with  
inner box and gimbals; outer box not essential.

Please contact: Giorgio Perissinotto

E-mail: [giorgio@spanport.ucsb.edu](mailto:giorgio@spanport.ucsb.edu)

The Chapter 190 meetings are held the third Sunday of each month. (No meeting in December)  
 We will meet in the Campus Student Center (CSC) on the Ventura College campus. The CSC is located in building "B", east of the gym and



September - October, 2016 Issue

## NEXT MEETINGS

# SEPT 18

The October meeting is at the Santa Barbara Courthouse Oct 18.  
**PRE-REGISTRATION REQUIRED**



If Undeliverable return To:  
 17738 Superior St. Unit 21  
 Northridge, CA 91325

**Chrono Times**

Mark Your Calendar

# Chapter 190's October meeting will be held in the historic

Reservations Required

## Santa Barbara Courthouse

1100 Anacapa St, Santa Barbara, CA

11:30 AM, Sunday October 16, 2016.

Open to members of the NAWCC however, Ch 190 and their families will receive priority over non-members.

There will be guided tours of the courthouse, including the Tower Clock Room.

(Elevator available from ground floor to the clock room.)

Parking Garage across from the Courthouse on Anacapa St.

Sign-in outside the Mural Room (2nd floor) at 11:30 A.M. and pick-up your tour group destination and raffle ticket. Lunch and a presentation of the recently restored Mural Room will begin at 12:00 P.M. Tours will begin around 1:00 P.M. There will be several tours beginning at the same time, but they will start in different locations in the courthouse.



Lunch in the mural room, 2012



1929 Seth Thomas Tower Clock



Santa Barbara Courthouse

### TOUR REGISTRATION FORM

**NOTE:** Space is limited so reserve early. Reservations are on a first come basis. All members of the NAWCC are welcome however, members of Chapter 190 will receive priority over non-members. You will receive confirmation of your registration prior to October 10, 2016 by email.

**Please mail this form with payment to:**

**NAWCC Chapter 190  
C/O Donna Gaglini  
970 Jonquill Ave  
Ventura, CA 93004**

**Questions? Call 805 647-6463  
or E-mail: dgaglini2@gmail.com**

**THIS FORM MUST BE RECEIVED WITH PAYMENT BY October 8, 2016**

Name: \_\_\_\_\_ Date \_\_\_\_\_

Address: \_\_\_\_\_ City: \_\_\_\_\_

State: \_\_\_\_\_ Zip: \_\_\_\_\_ Phone: \_\_\_\_\_

E-Mail: \_\_\_\_\_

*(Your E-Mail address will be kept in strict confidence.)*

I am a member of ch 190  yes  no

QTY TOTAL

Adult Admissions \_\_\_\_\_ @ \$10 = \_\_\_\_\_

Child Admissions \_\_\_\_\_ @ \$5 = \_\_\_\_\_  
(16 years and under)

Total Enclosed: \$

**(PAYABLE TO: NAWCC Chapter 190)**

# Seaside

# Clock and Watch

# Mart

Ventura/Santa Barbara CA, Chapter 190 of the National Association of Watch and Clock Collectors  
Chapter 190 website: [www.NAWCC-ch190.com](http://www.NAWCC-ch190.com)

## IMPORTANT SELLER INFORMATION

PRE-REGISTRATION TABLE RESERVATION DEADLINE: Feb 8 • EVENT DATE: February 19, 2017

## We're Back!

- 125 - 8 foot tables available for sellers
- One free admission for sellers
- Spacious area for unloading and loading
- Sellers may set up beginning at 7:30 A.M.
- Coffee truck on site at 7:30 A.M.
- Mart opens to members and public at 9:00 A.M.  
Closes at 3:00 P.M.
- Carts available for your use in moving items
- Helpers to aid with unloading, if needed
- Free evaluations promises to draw new faces!

All clock and watch sellers must be NAWCC members to sell clocks and watches.

(Non members may purchase a 4 month trial membership for \$30.00. Includes NAWCC publication, "Watch & Clock Bulletin")

## SUNDAY

## FEBRUARY 19, 2017

9:00 A.M. to 3:00 P.M.

### Ventura County Fairgrounds at Seaside Park • Santa Cruz Hall

10 W. Harbor Blvd. • Ventura, CA 93001

### DIRECTIONS:

**From Los Angeles:** From the Ventura Freeway (Highway 101) northbound, take the Seaward Ave. exit or the California Street exit. Turn left towards the ocean to Harbor Blvd., turn right on Harbor and continue until you reach The Ventura County Fairgrounds at the corner of Harbor and Figueroa.

**From Santa Barbara:** From the Ventura Freeway (Highway 101) southbound, take the Seaward Ave. exit, make an immediate right on Harbor Blvd. and proceed to Ventura County Fairgrounds at Seaside Park.

Registration info: Date sent \_\_\_\_\_ Amount sent \$ \_\_\_\_\_

Number of wall tables \_\_\_\_\_ Number of non wall tables \_\_\_\_\_

Number of additional admissions \_\_\_\_\_ Check number \_\_\_\_\_

**NAWCC Chapter 190**  
**C/O Donna Gaglini**  
**970 Jonquill Ave**  
**Ventura, CA 93004**

**Questions? Call 805 647-6463**  
**or E-mail: [chap190Mart@gmail.com](mailto:chap190Mart@gmail.com)**

## SELLERS REGISTRATION FORM

**Please mail this form with payment to:**

**NOTE:** The NAWCC, its officers and members of Ventura Chapter 190 are not responsible for any loss, injury, or tort during the event. California State tax laws apply to this event. California requires dealers and sellers that sell more than two times in a twelve month period to have a valid California sellers permit. These may be obtained free of charge from any California Board of Equalization office.

**THIS FORM MUST BE RECEIVED WITH PAYMENT BY February 8, 2017**

**NAWCC Chapter 190**  
**C/O Donna Gaglini**  
**970 Jonquill Ave**  
**Ventura, CA 93004**  
**Questions? Call 805 647-6463**  
**or E-mail: [chap190Mart@gmail.com](mailto:chap190Mart@gmail.com)**

Member: \_\_\_\_\_ NAWCC # \_\_\_\_\_

Address: \_\_\_\_\_ City: \_\_\_\_\_

State: \_\_\_\_\_ Zip: \_\_\_\_\_ Phone: \_\_\_\_\_

E-Mail: \_\_\_\_\_

(Your E-Mail address will be kept in strict confidence.)

I sell primarily:  Watches  Clocks

QTY TOTAL

Pre-Admission \_\_\_\_\_ @ \$5 = \_\_\_\_\_

Mart Tables (8 ft) \_\_\_\_\_ @ \$25 = \_\_\_\_\_

Mart Wall Tables (8 ft) \_\_\_\_\_ @ \$30 = \_\_\_\_\_

Trial NAWCC membership \$30 = \_\_\_\_\_

Total Enclosed: \$

(PAYABLE TO: NAWCC Chapter 190)