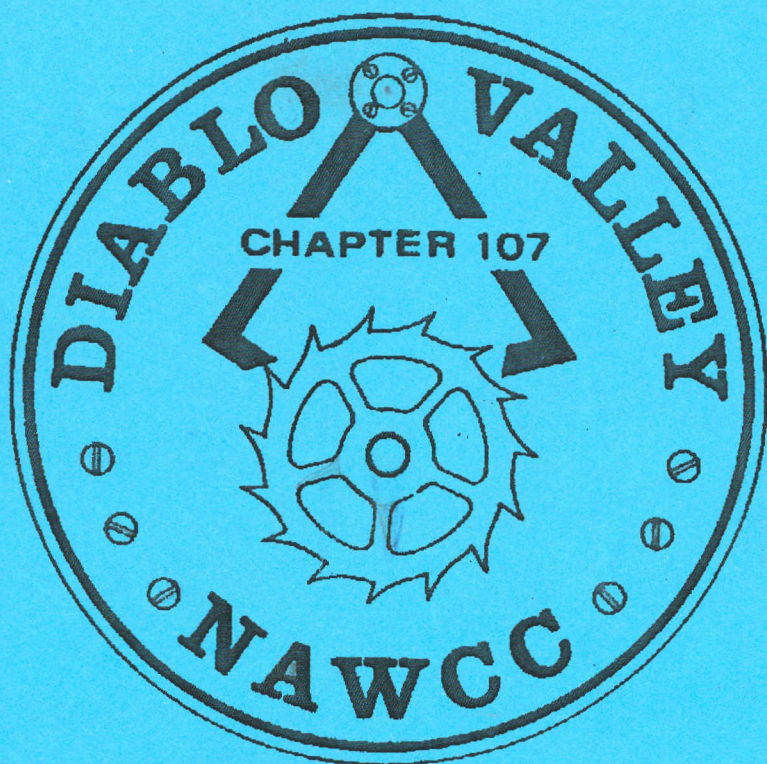


# BULLETIN



April 1999  
Volume 122

**DIABLO VALLEY CHAPTER 107**  
National Association of Watch and Clock Collectors  
Chapter Established March 5, 1978

**Chapter Motto "Accent on Education"**

*MEETING DATES, MEETING TIMES, AND MEETING DIRECTIONS ARE IN THE BACK OF THE BULLETIN*

**OFFICERS**

President	G. Price Russ	925-937-9231	gpruss@pacbell.net
Vice Pres.	John Stohr	925-376-6476	
Vice Pres.	Bob Waher	925-462-4912	
Secretary	Lois Naye	925-934-4557	
Treasurer	Walt Hubrig	925-685-0260	
Past Pres.	Dale Gardner	510-531-7565	

**DIRECTORS**

1999	Sandy Cuthill	925-686-3144	
1999	Marshall Kamena	925-568-3233	
1999	Tom Armour	510-654-3363	armourtom@aol.com
1999	Garry Charland	925-946-1495	
1999	Bert Bradley	510-527-3454	

**COMMITTEE CHAIRS**

Display	****open****		
Raffle	Jack Coulter	925-284-1031	
Library	Sandy Cuthill	925-686-3144	
Libr. Storage	Roy Holman	510-530-5428	rjholmanjr@juno.com
MART	****open****		
Membership	Roy Holman	510-530-5428	rjholmanjr@juno.com
Nominating	John Stohr	925-376-6476	
Photo	****open****		
Program	Bob Waher	925-462-4912	
" "	John Stohr	925-376-6476	
Refreshment	Sarah Russell	925-229-2462	
Tool Library	Walt Hubrig	925-685-0260	
Editor	Bill Koppel	925-934-9391	wkoppel131@aol.com
Regional	Jay Taylor	510-522-2409	nutnut@pacbell.net

**APRIL 11, 1999 Meeting**  
Acalanes Adult Center  
(The old Del Valle High School)



\*\*\*\*\* **TIMES** \*\*\*\*\*

Mart Setup/Start	11:00AM
Mart Ends	12:00Noon
Program Start	12:00Noon
Board Meeting *	After Program

\*All members are invited to attend

\*\*\*\*\* **PROGRAM** \*\*\*\*\*

**"COMMON SENSE HOROLOGY"**  
**BY DORIAN CLAIR**

Dorian Clair, a member of Chapter 5 and a professional clock repairman in San Francisco who specializes in truly antique clock repair, will talk about clock/watch and other repair methods.

\*\*\*\*\* **DISPLAY** \*\*\*\*\*

Bring your repair questions.

## PRESIDENT'S MESSAGE

For those of us who have been brass-polishing challenged, February's meeting was a treat. Ron Bechler gave a very informative presentation on both polishing and lacquering. Copies of his notes have been put into the Chapter library. If you need help in this deceptively complicated task, I think you will find Ron's notes quite helpful. At the Friday meeting in March, we watched the first half of W. R. Smith's video on making gravers and turning. Bill is widely respected in the field of metal work for good reason. At the next Friday meeting we will view the second half of this tape. By that time, we should have our own copy available to borrow.

As I mentioned at the February meeting, I have been reading *The History of the Hour* by Gerhard Dohrn-van Rossum. He discusses the evolution of both clocks and society's concept of time with emphasis on the late Middle Ages. It is amusing to read about people in the fourteenth century complaining about their lives being driven by the clock. While reading about regulations governing who could sell what when in fifteenth century markets, I was struck by the similarity to the ongoing struggle to limit pre-mart sales at NAWCC marts. Some things really don't change. By the way, their regulations weren't very successful either. Another surprise to me was that the clock predates the sandglass in common usage. Because clocks of the Middle Ages only had hour indications and were mostly tower clocks, they were useful to schedule the start of events, but not to time intervals. The sandglass being portable and able to measure relatively short intervals was ideal to set limits for the duration of meetings, speeches, and the like. Limiting sermons was a particularly important application in the reform churches. This book is not exactly an easy read, but it has a wealth of information about the entry of clocks into western society. It also contains many truth delightful quotations from original sources. I can not resist sharing two. The first is from a late sixteenth century regulation on preaching: "Limitation on preaching so that listeners are not inundated, pregnant women are not discomfited, the poorly dressed do not freeze, and the poor can

prepare their meal." Aren't you glad horology came along and put a brake on preaching before it really got out of hand? The second is a justification for requiring scheduled student debates "since disputation is the file of reason, by which the rust of all ignorance is scraped away."

Now it's time for my resource highlights.

**Tool Collection:** Replacing jewels in watches requires care in handling the jewels and precision in placing them for proper end shake. This is true whether one is replacing a broken jewel or simple removing and reseating a cap and hole jewel pair as part of cleaning. The Seitz tool is made expressly for this. It is similar to a staking set but with provision to limit the distance the stake travels. We have a Seitz tool and reasonably complete set of attachments available to borrow. We also have the Seitz instruction book.

**Library:** As a follow on to my last recommendation (you have to find it in the last Bulletin), I want to call your attention to *The Clock and Watch Pronunciary* by Gerschler. As you have probably guessed, it gives pronunciations of horological terms. So if you need to talk about remontoires and tourbillions but aren't sure how to move your mouth, this is the book for you.

**Web Site and Catalog:** More and more companies are putting their catalogs on the web. This issue I'm combining my catalog and web site picks into a catalog on the web. Many of the major tool and machine shop supply houses including MSC and W.W. Grainger have partial catalogs on the web. My pick for this month is McMaster-Carr (<http://www.mcmaster.com/>) because as near as I can tell their whole catalog, which includes tools, shop supplies, and a host of other items, is available on the web. (I have not bought from them, but I know they take credit cards.)

*Price Russ*

## PICTURES FROM OUR LAST FEBRUARY MEETING

Shown here are pictures of Ronald Bechler demonstrating his method of doing metal polishing.



## MEMBERS FORUM REPRESENTATION

Here is an email sent out by Gene Volk, candidate for 2nd VP, with results of a study on chapter representation in the NAWCC Members Forum. Forwarded by Jay Taylor.

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 From: Eugene R Volk[SMTP:evol@citcom.net]  
 Sent: Tuesday, March 09, 1999 6:16 PM  
 To: Members-Forum@nawcc.com  
 Subject: Chapter Representation

A couple of weeks ago I offered to have members of the members-forum sent me information on the chapters that they belonged to and attended so that we could have some idea on how many Chapters are represented on the members-forum and the frequency ( regular or intermittent) of their attendance.

Of the 200 plus members of the Members-forum ONLY 45 have decided to respond to this poll. This is much fewer than I would have anticipated, but certainly more than VOTE in our NAWCC elections!!!

I have analyzed the replies and the results are as follows:  
 45 Individual Members-Forum members responded  
 51 Chapters are attended regularly by Forum-members  
 16 Chapters are attended on an intermittent basis by Forum-Members

A total of 67 Chapters are represented by members of the Members-Forum

33 Chapters have Forum-Members attending who are or were Chapter officers/directors, etc. 17 Chapters have 2 or more Forum-Members attending meetings on a regular basis 5 International Chapters are represented by members of the Members-forum 10 Special interest Chapters are represented by the members of the Members-forum

A special thanks to all of those Forum-Members who provided the information which made the above data summary possible. I sincerely believe if 90% of the members of the Members-Forum had responded the numbers above would have been significantly different.

Perhaps I will try this again in about 6 months to see if we can get a larger input.

Sincerely ,  
 Gene Volk, Director  
 Candidate for 2nd VP

## STATUS OF REGIONAL by Jay Taylor

We have finalized the speakers for the Golden Gate Regional 1999.

1) Chris Bailey from the American Watch and Clock Museum in Bristol, CN will lecture on "Seth Thomas and his clock company: The "Tiffany" of the Industry"

2) Ed Beacham of Beacham Clocks of Sisters, Oregon along with Dr. Gregory Graham will lecture on CNC Machining. This will be a multi media presentation to show how computer generated programs with lathes and milling machines allow for design and production of very complicated clock movements. Along with this lecture series the Representatives from Dyna Tools will be at the regional to demonstrate the programs and actual demos of the milling and gear cutting.

I attended the Pasadena regional where I distributed a flyer for the Golden Gate Regional 1999 to each table holder and numerous attendees. In all I distributed over 500 flyers. The first mart ads will appear in the March Mart.

Note that a question was raised on the appearance of Chapter 94 as host in the Dates to Remember section of the last issue. This is because of the Regional being originally signed up for by Chapter 94. I have spoken with Lehr Dirks and he has informed National to make the approximate correction in future issues.

Fred and Penny Bausch are hard at work on the regional display which promises to be the best in years. In following with our lecture this years theme will be Seth Thomas Clocks. All items to be displayed will be previewed and selected by Fred and Penny.

We had received the latest version of the NAWCC Regional software and Dick Sears is busy working away on the registration procedure. We are working through a selection of Badge designs at this time.

Negotiations with Marriott for the convention pricing and other details is due to start within the month.

Remember we will need volunteers for a lot of functions. We would like to have at least one NAWCC member with the display and Security Agency guard at all times during the show. We need help staffing the registration desk to assist Dick with on site sign ups and we would also like to staff on Thursday noon to 4 PM and Friday 8 AM till 1 PM a information desk where we will stock general information on Oakland restaurants, highlights and the location and cross reference information of mart tables. Please see me or one of the directors if you can help. Remember we are the host and the profits fund our Chapter this year so pitch in and help.

### REGIONAL WEB PAGE

A BIG THANK YOU to Gordon Uber for creating a web page for the Regional. He did a great job. You can access it at:

<http://www.ubr.com/clocks/nawcc/deanza/ggr99/ggr99.html>

### NEW ORLEANS RECOMMENDATION By Roy Clark

Helen and I were down at New Orleans a short time ago. While there in the French quarter, we went into an antique shop called:

Harris Antiques Ltd.  
623 Royal Street  
Arthur Harris - 505-523-1605

He has some great and I mean great old grandfather and other clocks. It would be worth anyone's time to stop in there if they are in New Orleans. If they have thoughts of buying take a fat wallet or a no limit credit card.

Here is a mart being put on by Chapter #94 that you might be interested in attending.

**MONTAGUE MINI MART**

**18<sup>th</sup> April, 1999**

Sponsored by the **De Anza Chapter #94 of the NAWCC**

**NAPRADEK HALL, 770 Montague Expressway, San Jose, CA**

Set up, for tableholders, 07:00am  
Doors open to the public, 09:00am

8 foot tables, \$25.00

Entrance fee, \$8.00

Spouse & Children FREE

NAME \_\_\_\_\_ NAWCC # \_\_\_\_\_  
Address \_\_\_\_\_ Email Address \_\_\_\_\_  
CITY \_\_\_\_\_ ZIP Code \_\_\_\_\_  
Phone, work \_\_\_\_\_ Residence \_\_\_\_\_  
# Tables @ \$25.00 \_\_\_\_\_  
Entrance Fee @ \$8.00 \_\_\_\_\_ TOTAL \_\_\_\_\_

DIRECTIONS (Copy before mailing)

**From Highway 101.** (Near San Jose Airport) Exit to Trimble Road, cross North First Street, cross Zanker Road, cross Kruse Drive, cross over Coyote Creek, turn into driveway of Napradek Hall.

**From Highway 880.** Exit Montague Expressway, go West, cross McCarthy Boulevard, stay in the left lane, exit to Trimble Road, do a "U" turn at the Trimble exit, come back, cross Kruse Drive, cross Coyote Creek, turn right into the driveway of Napradek Hall.

**From Highway 680.** Exit Montague Expressway, West. Proceed until you cross over Highway 880, pass McCarthy Boulevard, stay in the left lane, exit to Trimble Road, do a "U" turn at the Trimble exit, come back, cross Kruse Drive, cross Coyote Creek, turn right into the driveway of Napradek Hall.

FOLD and MAIL COMPLETED FORM WITH CHECK or MONEY ORDER TO:

**MONTAGUE MINI MART  
POST OFFICE BOX 32429  
SAN JOSE, CA. 95152-2429**

## Remember to VOTE in the National

Ballots are due April 1, 1999. Be sure to include your member number or it won't be counted.

**What interesting Clock/Watch item have you seen lately?**

Advertisement clipped from The Lighter Sid Catalog — Winter Issue.



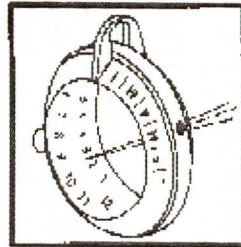
### Shepherds Sun Dial Watch

A stunning recreation of the actual sundial used by shepherds in the Pyrenees and Basque regions of France as they tended their herds. It's not only elegant as a pendant, but completely functional. Simply turn the center of the ring until the small

hole aligns with the initial of the current month, then point the small hole toward the sun and a miraculous bead of light shines on a number inside the dial to indicate the hour (AM or PM). Pewter dial is 1½" dia. on a 26" silk-like cord. With attractive gift packaging and easy instructions.

**LF-17047 Shepherds Watch**

**\$29.98**



**"UNCLE JAY" WANTS YOU**

Remember this is your Regional. Please sign up to help out.

### A Remembrance.

An obituary in the local paper referring to the death of John S. Hagen who owned Hagen's Antiques and House of Clocks in Benicia for more than 40 years triggered this remembrance by Sarah and Phil Russell.

When we moved here in 1971 we visited his shop and found he had printed - reprints of old catalogs. One a "1914 Ansonia Clocks" he had copyright 1969' that we have used many times for identification. Over the years we visited many times and he was most generous with his knowledge of time keepers. The last time we visited he was most genial and sitting at a table giving information

### CLOCK MUSEUM ON TV by Sarah and Phillip Russell

Just received our news letter from: the "American Clock & Watch Museum". The museum will be featured on TV this May. It will be on the PBS series, 'Antiques Roadshow' when the Hartford segments are broadcast. These shows air on May 24 and 31.

**Chapter 107 1999 Budget**

Category	1998		1999
	Budget	Actual	Budget
Bulletins	500.00	463.71	500.00
Food			
Meetings	100.00	33.31	100.00
Picnic	200.00	0	0
Christmas Lunch	500.00	607.00	600.00
Photos	20.00	0	20.00
Programs	20.00	0	20.00
Insurance	180.00	176.00	180.00
Library			
Book	50.00	0	50.00
Tool	0	0	0
PO Box	60.00	58.00	65.00
Rentals	430.00	70.00	430.00
Misc.	40.00	92.02	75.00
Subtotal	2100.00	1500.04	2040.00
Regional Advance	0	1000.00	350.00
Total	2100.00	2500.04	2390.00

**Notes:**

Food for combined picnic/white elephant sale not yet budgeted.  
Plan to invest funds raised at last regional into education not complete - library purchases have been suggested.

**CLOCK QUOTE OF THE MONTH**

The best headline I ever wrote contained eighteen words: At Sixty Miles an Hour the Loudest Noise in the New Rolls-Royce comes from the electric clock.

David Ogilvy  
Confessions of an Advertising man (1963)

**CHAPTER #107 BOARD OF DIRECTORS MEETING  
February 1999**

It was agreed to continue board meetings immediately following Sunday Chapter Meetings. If necessary, special meetings could be called at convenient times. Price Russ suggested it would be fitting to give some of the money raised from the sale of materials donated to our Chapter by the San Francisco State college for the purchase of educational maters. Suggestions were for the purchase of books, videos, and if needed, tools for our tool library.

Walt Hubrig presented the 1999 budget and it was unanimously approved.

John Stohr stated that while we have use of our Sunday meeting place for the next two meetings, there is no agreement on future meetings. Apparently there will be construction starting to upgrade buildings on the campus. John also asks for suggestions for programs for future meetings.

Web site — should the Chapter have one? It was decided the possibility should be investigated to see what the best way to set the site up would be, and if the cost would be in line with the advantages a site would provide the Chapter.

— Lois Nye, Secretary

**TOOL LIBRARY**

The following tools are available for two-week periods.....at NO COST! call Walt Hubrig @ 925-685-0260

- \*\*\* L&R Ultrasonic Cleaner w/basket 11 3/4" x 9 3/4" x 6"
- \*\*\* TIMETRAX #160AC Timing m/c with beat amplifier
- \*\*\* Webster Depthing Tool
- \*\*\* Webster Escape Wheel Tooth Straightener
- \*\*\* Power Punch ( for end holes in mainsprings etc.)



## THIS MONTH'S TECHNICAL QUIZ

Here is this month's technical quiz. Send in your quiz questions. Answers are at the the bottom.

1. Watches as well as clocks can be dated by their physical attributes. What can you tell about the following watches?
  - A. Watch 1 has a minute hand.
  - B. Watch 2 has a keyless wind.
2. Do the teeth of a clock train roll out of, or slide out of the pinion leaves?
3. For you that work on electric clocks and watches what is Ohms law?
4. What is does it mean if a metal is said to be malleable?
5. From last month's meeting, what is an Arkansas stone?

5. It is a fine, hard stone used to sharpen tools.

4. Malleable means capable of being shaped by hammering or pressure from rollers.

3.  $E = I \times R$  where E is voltage, I is current in amps and R is resistance in ohms.

2. Roll.

come into widespread use until after 1860.

B. Keyless winding system arrived after 1820 but did not

1. A. The minute hand was first used in 1687.

Answers to this month's Technical Quiz

## DUES DUE

It's renewal time again- Membership is still only \$15.00 a year and is now due for 1999. You may pay at the next meeting or mail a check to our membership chairman:

Roy Holman  
4300 Everett Ave.  
Oakland, CA 94602

Fifteen dollars for the year includes your spouse. Please make out checks to Diablo Valley Ch. 107. Your badge can be picked up at the next meeting you attend.

## EDITORS NOTES

I have been asked by couple of people to consider publishing the E-Mail addresses of the Officers, Directors, and Committee members so I have added them to the inside cover. If there are members of this group who have an E-mail ID which I haven't included let me know and I'll add them. If other members have E-mail IDs they would like to have published let me know and I'll publish a list of those in a future issue.

Also I have been looking at publishing a collage of members' clock or watch related business cards (it will also contain related business such as antiquing). If you would like to be included please give me your card at the meeting or send it to me in the mail.

I am attempting to include in the Bulletin a few pictures from our last meeting. If it works out well I will be happy to include other pictures along with articles.

Bill Koppel  
1225 Worchester Ct.  
Walnut Creek CA. 94596

## CHAPTER #107 MEETINGS

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

Mart	Second Sunday	11:00AM	- Even numbered months
Chapter	Second Sunday	12:00PM	- Even numbered months
Board	Second Sunday	- following the Chapter Meeting	
Evening	First Friday	7:30PM	- Odd numbered months

### *1999 Meeting Dates*

#### SUNDAY & Board

February 14<sup>th\*\*</sup>  
 April 11<sup>th\*\*</sup>  
 June 13<sup>th\*\*</sup>  
 August 8<sup>th</sup>  
 October 10<sup>th</sup>  
 December 12<sup>th</sup> (luncheon)

#### FRIDAY EVE \*

January 8<sup>th</sup>  
 March 5<sup>th</sup>  
 May 7<sup>th</sup>  
 July 9<sup>th</sup>  
 September 3<sup>rd</sup>  
 November \*

*\*where the first Friday conflicted with a Holiday we scheduled the second Friday. No November meeting due to Regional.*

*\*\* Dates are reserved at Del Valle High School. School will not reserve future dates due to expected construction/repair of classroom.*

### *Other Important Dates*

Pacific Northwest Regional - May 6-8

**Golden Gate Regional - November 4-6 hosted by Chapter 107. Mark your calendars.**

## DIRECTIONS TO CHAPTER MEETINGS

### *Sunday Meetings*

#### From Oakland - Highway 24 going East

Take Pleasant Hill Road South exit  
 At light, turn right onto Pleasant Hill Rd  
 At end, turn left on Olympic  
 At light, turn right onto Tice Valley  
 Go up until first light  
 Go another 150 yards and just before Pedestrian X-ing - turn right into Acalanes Adult Center, room D-1  
 (address 1963 Tice Valley Boulevard)

#### From San Ramon - Highway 680 going North

Take South Main exit  
 Left on Newell  
 Left on Olympic  
 Left on Tice Valley  
 Go up until first light  
 Go another 150 yards and just before Pedestrian X-ing - turn right into Acalanes Adult Center, room D-1  
 (address 1963 Tice Valley Boulevard)

#### From Benicia - Highway 680 going South

At 680/24 take Highway 24 to Oakland/Lafayette  
 Take first exit - Pleasant Hill Road South  
 Go under freeway onto Pleasant Hill Rd  
 At end, turn left on Olympic  
 At light, turn right onto Tice Valley  
 Go up until first light  
 Go another 150 yards and just before Pedestrian X-ing - turn right into Acalanes Adult Center, room D-1  
 (address 1963 Tice Valley Boulevard)

### *Friday Technical Meetings*

Across Tice Valley road from the Acalanes Adult Center (directions above) at the Civic Bank of Commerce.

**Note: Due to our tax exempt status only NAWCC members can participate (buy or sell) in our MART - be prepared to show a current NAWCC membership card.**