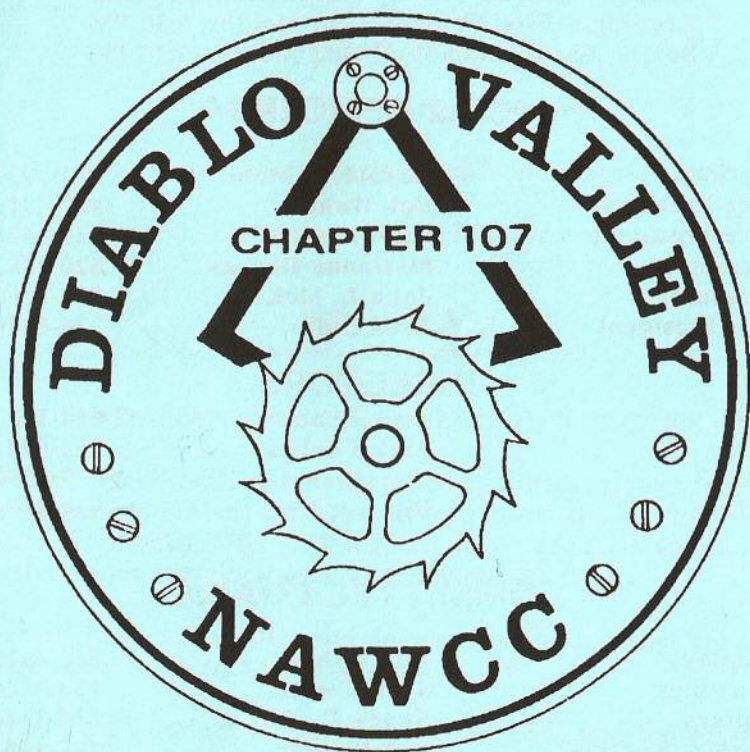


BULLETIN



JUNE 1992

VOLUME 81

DIABLO VALLEY CHAPTER 107

National Association of Watch and Clock Collectors, Inc.

Chapter Motto: "Accent on Education"

MEETINGS

Chapter: Second Sundays, Even Months, Noon
Evenings: First Fridays, Odd Months, 7:30 PM
Board: Second Mondays, Odd Months. 7:30 PM

1992 OFFICERS

President	Harold Montano	223-7931
Vice President	Bob Wahrer	462-4912
Vice President	Roy Holman	530-5428
Secretary	Marianne Duncan	820-2483
Treasurer	John L. McKeen	283-8366
Past President	John Stohr	376-6476

DIRECTORS

1992	Tom Armour	654-3363
1992	Jack Coulter	254-0746
1992/3	Steve Fabes	932-5091
1992/3	Bill Koppel	934-9391

COMMITTEE CHAIRS

Display	Bob Wahrer	462-4912
Drawings	Jack Coulter	254-0746
Library	Sandy Cuthill	686-3144
Mart/S. Auction	Bob Wahrer	462-4912
Membership	Steve Fabes	932-5091
Nominating	John Stohr	376-6476
Photo	Rich Calicura	228-4992
Program	Bob Wahrer	462-4912
"	Roy Holman	530-5428
Refreshments	Tom Armour	654-3363
"	Bud Ehler	228-5387
Editor	Tom Beales	376-6212

MEETING INFORMATION

SUNDAY, JUNE 7, 1992

at

HOME FEDERAL SAVING AND LOAN
Tice Valley Road and Rossmore Parkway
Walnut Creek
(See map on back cover)

Mart Set-up Starts 11:30 AM

Mart Starts 12:00 Noon

Program Starts 1:00 PM

PROGRAM

ADAMANTINE AND CELLULOID CLOCKS

Phil Russell will present a very interesting talk on Adamantine finish used on clocks and also discuss small Celluloid clocks. He will tell us how Celluloid was used in earlier times for clock and watch making.

We will have an opportunity to see some of his vast collection of celluloid and Adamantine clocks.

He will also update us on the progress he is making on dating Seth Thomas clocks.

DISPLAY THEME

BRING SOME CELLULOID AND ADAMANTINE CLOCKS FROM YOUR COLLECTION. WRITE A CARD TO GO IN THE DISPLAY EXPLAINING ANYTHING OF INTEREST ABOUT YOUR CLOCK.

DIABLO VALLEY CHAPTER EXECUTIVE COMMITTEE MEETING

PRESIDENT'S MESSAGE

I would like to thank all the members who attended our April meeting. It was a big turnout with almost 40 in attendance.

Also special thanks to John Stohr who was able to get our speaker Robert Zimmerman to talk on his tower clock and show slides on it. Thanks too for Jerry Kruger for bring in a working model of a tower clock and explaining how it works.

As you read the Bulletin and check dates, be aware of the change for the June meeting to June 7 because of the tri-chapter picnic being held on June 14. Also the Friday meeting for July is the 10th instead of the 3rd due to Independence day.

We have an opening for Director for the rest of this year and 1993. Ken Williamson is unable to complete his term. If anyone is interested please let me know.

Please add to our display for the June meeting by bringing all or some of the Celluloid clocks you have in order to make it a good meeting.

Hope to see all our members at the June meeting.

P.S. Please wear name and chapter badges. Lets see if we can have a 100% on this, I will be checking.

Hal Montano

Meeting: The Executive Committee met May 11, 1992 at Harold Montano's house and was called to order at 7:40 PM.

Present: Tom Armour, Marianne Duncan, Bill Koppel, John McKeen, and Harold Montano.

Old Business: . Ken Williams, Director, has tendered his resignation; his position will be filled at the end of the year.

- . June 7, 1992 is the new date for our regular June monthly meeting.
- . July 10, 1992 will be our Friday night meeting.
- . The July Executive Board meeting has been cancelled.
- . The August meeting will be the Ugly Clock contest and Cookie Bake.
- . October will feature a program on railroad watches.
- . December will be our Pot Luck with our annual auction.

New Business: . Correspondence from NAWCC regarding the Tower Clock Project will be taken up with the general membership.

- . Dorothy Glenk Waldrip sent a note telling of her upcoming sale.
- . The Regional in Santa Clara is still slated for September 24 - 27.

Treasurer's Report: The treasury is healthy.

Adjournment: As there was no further business the meeting was adjourned at 8:45 PM.

Respectfully submitted,

Marianne Duncan, Secretary

NAWCC TOWER CLOCK PROJECT

An original Tower Clock and Bells has been donated to NAWCC and a magnificent tower and display is now being planned. This project was initiated by Chapter #25 and is now a National project for the NAWCC. It will be funded by donations from NAWCC Chapters and individuals.

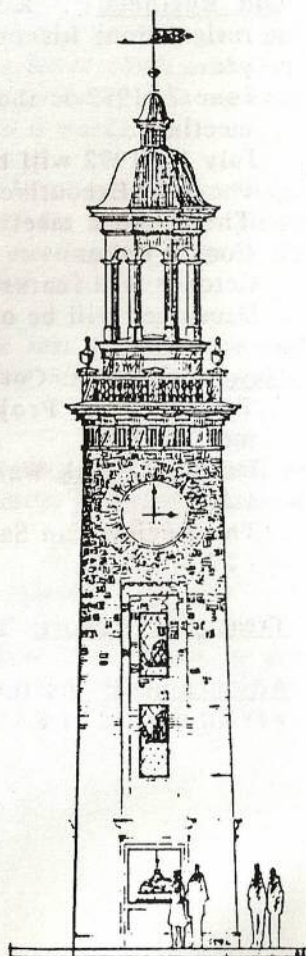
The clock comes from a resort hotel atop Mt. McGregor in New York State. It has a tower which housed the three train tower clock by E. Howard and a set of bells from the Meneely Bell Foundry of Troy.

The clock was made to play the Westminster chimes on four bells at the quarter hour and strike the hour. The smallest of the bell is 18 inches at the bottom and the largest is three feet across the mouth and weighs about 1,200 pounds.

The state of New York donated the clock and bells to NAWCC. The movement has been completely restored and delivered to Columbia PA where it awaits construction of a tower.

Donations are being solicited at this time to complete the project.

You will hear more about this ambitious project at the June meeting.



THINK ABOUT IT!

by The Time Fly

Consider a clock with a sweep; second hand, Not just a seconds bit but a "sweep" second hand that comes from the center of the dial. At noon (exactly) all three hands are perfectly aligned. The question then is this: What time will it be the next time all three hands are perfectly aligned?

Think about it!!!

(See page 9 for answer.)

NEED HELP???

Each NAWCC member is eligible to receive FREE, a Master Index covering all NAWCC Bulletin material from 1944 to 1985. This is an excellent reference source for information on that special clock or answers to that tough repair problem.

Chapter #107 has a complete library available at each Sunday meeting which contains the material listed in the Master Index.

To get your copy, simply check inventory items # M1 at the top of the request form (in each Bulletin or Mart) and send it to NAWCC, 514 Poplar Street, Columbia, PA 17512-2130.

Its FREE and its GREAT, so order yours today.

LEAP YEAR 1992

Condensed from article by Charles Petit, San Francisco Chronicle Science Writer

Some 2038 years ago, Roman emperor Julius Caesar's astrologers complained to him that the calendar, with exactly 365 days every year, was drifting out of whack with the seasons by about one fourth day per year.

He decreed the first leap year, 45 B. C. by modern reckoning. Every four years, he said, add a day.

The reason for adding the extra day is a mismatch in the rate at which Earth spins, which determines the length of the day, and how fast Earth orbits around the sun, which determines the rhythm of the seasons.

The Earth takes about 365.2422 days to go around the sun. Adding a day every four years in February is convenient and puts the calendar back within about 45 minutes.

By the year 1582, the seasons were coming 13 days sooner than when the Julian calendar started. Another Roman, Pope Gregory XIII, decided to skip a leap year every once in a long while. He also banished 10 days, October 5-14, 1582 from happening at all to get the calendar closer to its historic meaning.

The formula his advisors developed was to ignore leaps on the first year of each century unless the year is evenly divisible by 400. The Gregorian calendar only gets out of step with the seasons by one day in 3,300 years and seems adequate so far.



There are leap seconds too.

For these there is no simple formula nor a simple explanation. Suffice it to say that Earth does not spin on its axis at a completely constant rate, but is slowing down ever so slightly. Atomic clocks occasionally show that the error is approaching a second, so a second gets added. The next leap second, the 17th one in history, will be June 30 this year at 23 hours, 59 minutes, 59 seconds universal time, which will be 4:49:59 p. m. in California.

With both a leap year and leap second, that makes 1992 the longest year since 1972, the year of the first leap second. That year also a leap year, two leap seconds were added, making it the longest year since Caesar started the whole thing.

EMBELLISHED GLASS

by Phil Russell

We have all seen the artistic, fine etched-like designs on Kitchen clock glass doors and other glass doors on clocks put on in gold (gilt), silver, bronze and other colors. The etched-like design looks like it was etched, painted by an artist, or by a delicate stencil, but it wasn't. Also it was not a decal.

The procedure used and patented by E. Ingraham in 1870 was the use of a design on a metal plate which was transferred to the glass by a "plastic" roll as I will describe.



The clock glass was given a coat of transparent glue. The glue was then covered with a coat of gilt, bronze, silver or other color. This was allowed to dry. Then a paint, sizing, or other composition was applied to the engraved metal plate surface. The plastic roller was passed over the freshly painted design (the roller picked up the design from the plate). The plastic roller was then rolled over the glue, gilt glass surface. Then the paint was allowed to dry. The design was transferred to glass.

Embellished Glass continued -

When dry, the glass was washed or rubbed and the glue and glue and gilt (et al) which was not protected by the paint came off. All that remained is the professional appearing etched-like design on the glass.

Mr. Ingraham said the process was so simple that children and other unskilled persons could do it. The artistic, detailed end product resembled work done by an artist with brush and by hand. The expense was very, very small.

Take a good look at the embellished glass on your clock. That is the way it was done.

THINK ABOUT IT ANSWER

Midnight! The only time all three hands are aligned is when they all point straight at the twelve.

BOOK REVIEW

Making and Repairing Wooden Clock Cases

by V. J. Taylor and H. A. Babb

This book is of special value to the craftsman interested in traditional construction of wooden clock cases. Shown here are a wide range of styles from different periods, with exploded drawings and dimensions.

191 pages

\$29.95

Time for America

The Hamilton Watch Company 1892 - 1992

by Don Sauers

This book has been published in celebration of the 100th anniversary of the founding of the Hamilton Watch Company. It is a story of product innovation and unwavering craftsmanship. It is also one of family - a close-knit family of management and employees working as a team to design and manufacture one of America's most revered product lines.

One result of Hamilton's steadfast dedication to product quality has been the growth of a very active body of watch collectors around the world. With this ever growing group in mind, the book includes illustrations of nearly 300 different historic and collectible Hamilton watches. Many in color.

328 pages

\$39.95

Both books available from Scanlon/American Reprints Co.
Modesto CA (209) 521-2777

1992 MEETING AND PROGRAM CALENDAR

Listed below are the upcoming dates for Sunday noon Chapter meetings, Friday evening Chapter meetings and the Monday evening Executive Board meetings. Mark your calendars now!

<u>Sunday Meetings</u>	<u>Friday Meetings</u>	<u>Executive Board Meetings</u>
Jun. 7	Jul. 10	Jul. 13
Aug. 9	Sep. 4	Sep. 14
Oct. 11	Nov. 6	Nov. 9
Dec. 13	Jan. 8, 1993	Jan. 11, 1993

Our Sunday programs will be:

- June 7 : Phil Russell will update us on celluloid clocks
- August 9: White Elephant Auction, Cookie Bake-off, Ugly Clock Contest
- October 11: To be announced
- December 13: Pot Luck and Auction



CHAPTER #107 MART

WANTED TO BUY

Old car clocks, Stem wind - rim wind - pull chain wind - clocks also mounted on inside rear view mirrors.

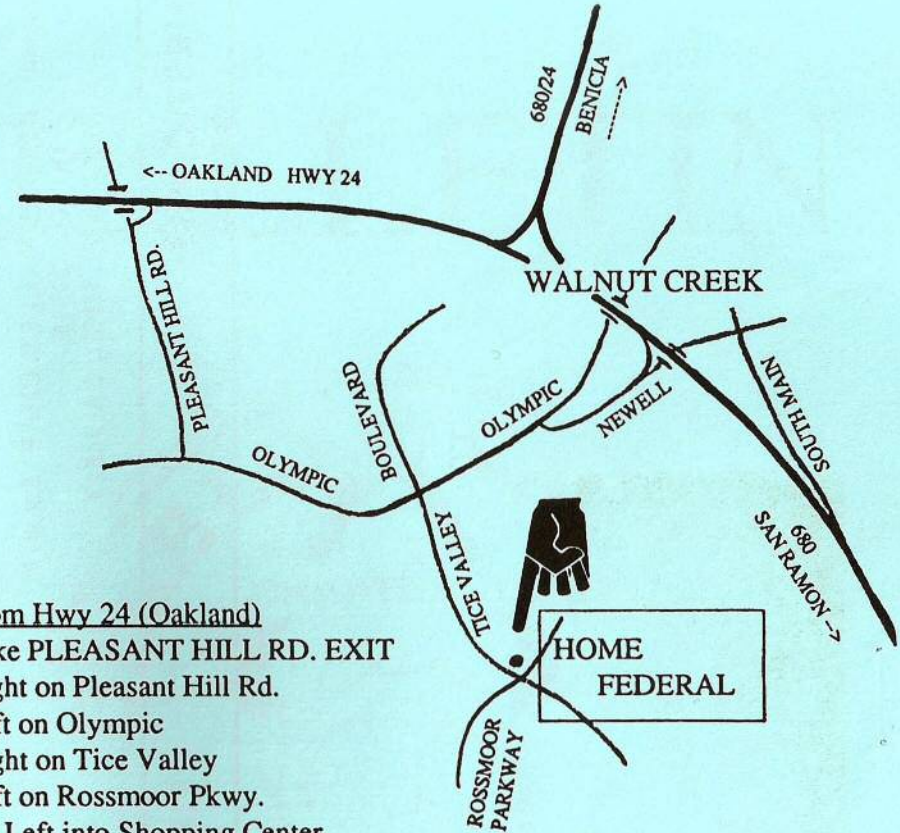
Contact Don Tow at (510) 934-9629

CLOCKS FOR SALE

Former Bay Area resident and chapter member Dorothy Glenk Waldrip and her husband Jaque who now live in Coos Bay, Oregon are cutting down on their collection of antique clocks and other items. A large group of clocks, movements, clock parts, etc. will be sold on a first come first serve basis, terminating in a local advertised sale when the weather gets better. Contact her at (503) 888-5571 if you have any interest.

She also reminds members that she still sells decals, charts, and books. The decals for clock glass restoration are made of pressure sensitive mylar that can be applied as is or easily hand colored for the appearance of original old glass.

DIRECTIONS TO CHAPTER MEETINGS



From Hwy 24 (Oakland)

Take PLEASANT HILL RD. EXIT
 Right on Pleasant Hill Rd.
 Left on Olympic
 Right on Tice Valley
 Left on Rossmoor Pkwy.
 1st Left into Shopping Center

From Hwy. 680 (San Ramon)

Take SOUTH MAIN EXIT
 Left On Newell
 Left on Olympic
 Left on Tice Valley
 Left on Rossmoor Pkwy.
 1st Left into Shopping Center

From Hwy 680/24 (Benicia)

Go South on 680 in Walnut Ck.
 Take NEWELL EXIT
 Right on Newell
 Left on Olympic
 Left on Tice Valley
 Left on Rossmoor Pkwy.
 1st Left into Shopping Center

Home Federal is between American Bank & Trust and First Interstate Bank. Meeting Room is at rear.

Annual Chapter Membership \$15.00

Guests are most welcome, but due to our tax exempt status, only NAWCC members can participate in the MART.