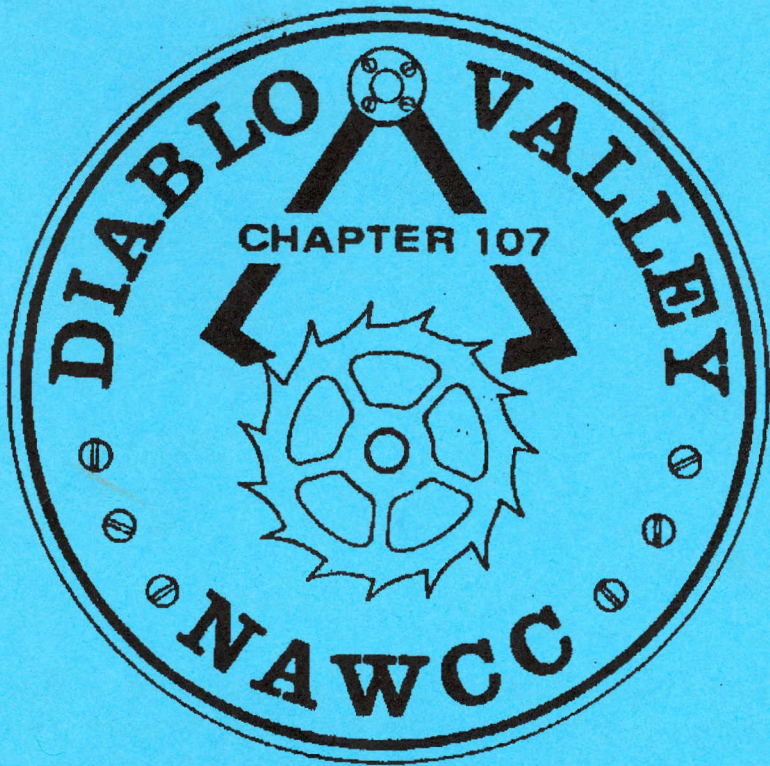


BULLETIN



October 2001
Volume 137

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.	Roy Clark	925-376-6356	
Vice Pres.	Dale Gardner	510-531-7565	
Secretary	John Stohr	925-376-6476	
Treasurer	Walt Hubrig	925-685-0260	
Past Pres.	Tom Armour	510-654-3363	armourtom@aol.com

DIRECTORS

2001/2002	Bert Bradley	510-527-3454	
2001/2002	Lois Naye	925-934-4557	Lnaye@aol.com
2000/2001	Sandy Cuthill	925-686-3144	
2000/2001	Bill Koppel	925-934-9391	wkoppel131@aol.com
2000/2001	Bob Wahrer	925-462-4912	JBWahrer@pacbell.net

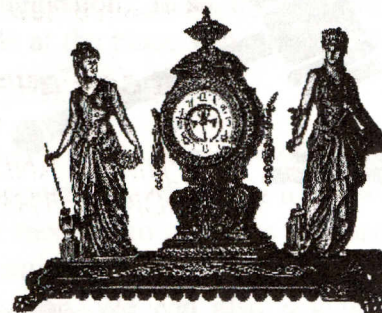
COMMITTEE CHAIRS

Display	****open****		
Raffle	Jack Coulter	925-284-1031	
Library	Sandy Cuthill	925-686-3144	
Libr. Storage	Roy Holman	510-530-5428	rholmanjr@juno.com
MART	****open****		
Membership	Roy Holman	510-530-5428	rholmanjr@juno.com
Nominating	John Stohr	925-376-6476	
Photo	Sophia Gardner	510-531-7565	
Program	Dale Gardner	510-531-7465	
" "	John Stohr	925-376-6476	
Refreshment	****open****		
Tool Library	Walt Hubrig	925-685-0260	
Editor	Bill Koppel	925-934-9391	wkoppel131@aol.com

October 14, 2000 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* *****

THE HOW AND WHY OF QUARTZ TIME KEEPING

Bob Wahrer will be giving a brief history of quartz movements and discussing some basic technical aspects.

DISPLAY

There will be a display of the tools and reference materials available in our lending library for use on electronic watches and clocks.

President's Message



With all the recent events, it is hard to focus on more mundane matters. Obviously we were all deeply affected by the recent tragedies. I am sure we all have the deepest sympathy for those who lost loved ones and the greatest respect for the rescue workers. Hopefully none of you were directly affected. In spite of everything, it is important to maintain as normal a life style as possible and not let terrorist run our lives. One good thing to come out of this, if you can call anything good, has been the personal expressions of support, indignation, and friendship that I have received from my Russian colleagues.

The August picnic was a great success. Even the weather cooperated. A big thank you to Lois for the use of her home and beautiful yard, to our chefs Walt and Jay, and to everyone else who contributed. From the feedback I have gotten, the idea of combining the picnic and auction was well received. Of course Jay's unique style has a lot to do with making our auctions interesting events. Let your board members know your opinion on whether we should continue combining them in the future.

We owe another big thank you to John North for hosting the September meeting at his home. It is always a treat to see our members' collections and workshops. I have always been a bit envious of John's shop. It is such a functional layout and he has lots of parts. (I like parts.) Speaking of parts, don't forget that I

have quite a bit of material from the City College collection. It is available for your use.

Believe it or not Christmas will be here soon. Do you want to have the luncheon at the Hungry Hunter again? Would you like to offer an alternative suggestion? If so try to bring information on the package available at the place you suggest. We will discuss this at the October meeting.

I recently received a letter from NAWCC President Doug Cowan discussing the opportunity of having a NAWCC Council Member attend a chapter meeting to allow us to learn more about what is going on at the national level. I think this might be a good idea for a meeting next year. We can also discuss this at the October meeting.

The Golden Gate Regional will be in San Jose this year – November 16, 17, and 18. Ron Bechler of Chapter 94 is heading it. We are co-hosts. Note the days are Friday through Sunday. It should not surprise you that Ron will need helpers. As I understand it, the lead roles are covered, but he needs people for registration, security, and so on. If you can volunteer, contact Ron (408-926-3212, rgbech@aol.com) or sign up at the October meeting. I believe the practice of waiving the registration fee for volunteers will continue. If you have not registered, the form is in your August Chapter 107 Bulletin.

Chapter 94 is holding the Montague Mini Mart on October 14. This event is open to the public and includes scientific instruments in addition to clocks and watches. This is a great opportunity to buy or sell. The address is 770 Montague Expressway, San Jose. Time is 9:00 – 2:00. Call Elinor Roud (408-267-1798) for more details. I will bring some flyers to our meeting.

I can not remember when we have had a meeting devoted to electrical horology. Most of us have not gotten beyond playing with weights and springs. Bob Wahrer is going to correct that **at**

our next meeting when he discusses quartz timekeeping. I am looking forward to his presentation. We will also have a display of the tools and reference materials available in our lending library for use on electronic watches and clocks. Hopefully we will learn how to use them.

At the beginning of the year, we said we wanted to revive the mart. The last several meetings have not been conducive to a mart. This one is. Let's not lose sight of our goal. Bring something to sell. I'm sure you can find something to part with. Let me rephrase that to something horological with which to part. You are also welcome to bring things to give away. They are usually quite popular.

You have all observed the Taylor family at our auctions and may suspect that they are active collectors. In November you will have an opportunity to see just how active they are. Jay will host the Friday meeting at his home. His father-in-law, Bert Hayenga, who spoke to us a while back on his device to put torsion balance clocks in beat, is also something of a collector. If we are lucky, we may also get to see Bert's torsion clock collection. This will be our last Friday meeting of the year. Please be thinking of what we should focus on for Friday meetings next year.

Price Russ

THIS MONTH'S QUOTES

"Expect the best, plan for the worst, and prepare to be surprised."
-Denis Waitley.

While working on a neighbor's clock I found a broken suspension spring. It had been made by hammering a coat hanger. What interesting items have you found? Let me know and I'll print them in the next bulletin.

DAYLIGHT SAVING ENDS IN OCTOBER

It's almost that time again. Time reverts to standard time at 2 a.m. on the last Sunday of October.

The Uniform Time Act of 1966 (15 U.S. Code Section 260a) created Daylight Saving Time to begin on the last Sunday of April and to end on the last Sunday of October. The law was amended in 1986 to begin Daylight Saving Time on the first Sunday in April. Any area that wanted to be exempt from Daylight Saving Time could do so by passing a local ordinance.

Daylight savings is not observed in Hawaii, American Samoa, Guam, Puerto Rico, the Virgin Islands, the Eastern Time Zone portion of the State of Indiana, and by most of Arizona (with the exception of the Navajo Indian Reservation in Arizona).

This sounds pretty simple but then there is Indiana. The Hoosier State's unique system for observing daylight time is rooted in its once farming-dominated economy. Farmers prefer early daylight to dry their fields and an early sunset to end their work at a reasonable hour. But some residents think the reason Indiana is missing out on the high-tech boom is that companies are turned off by all the confusion.

Under the current system, 77 of the state's 92 counties are in the Eastern Time Zone but do not change to daylight time in April, instead they remain on standard time all year. That is, except for two counties near Cincinnati, Ohio and Louisville, Ky. which do use daylight time.

But the counties in the northwest corner of the state (near Chicago) and the southwestern tip (near Evansville) are in the Central Time Zone and use both standard and daylight time.

Information about Indiana is from WWW.INFOPLEASE.COM - Daylight Savings Time by John Gettings.

PICTURES FROM OUR PICNIC & AUCTION
Courtesy of Sophica Gardner

1. Here is Walt Hubrig cooking up some chicken for our picnic. The food and the company was terrific.
2. Here is Jay Taylor (also one of the chefs) auctioning off the clock Tom Armour purchased (see letter on page 12).
3. Here are Dale Gardner and John Stohr enjoying a chat in Lois' beautiful back yard.



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Golden Gate Regional 2001

Nov. 16, 17, 18, 2001, PARKSIDE HALL "A", SAN JOSE, CA

***** **NEW LOCATION – Lots of Restaurants and Shopping in Downtown San Jose** *****

• MART • Exhibits • Banquet • Silent Auction • Lectures

• **EARLY BIRD ENTRY INTO MART**

Friday, November 16	Saturday, November 17	Sunday, November 18
Mart Set-Up: 2:00 PM to 6:00 PM TABLE HOLDER ENTRY AND EARLY BIRD ENTRY 2:00 PM Mart Open: 7:00 PM to 10:00 PM	Mart Open 9:00 AM - 6:00 PM TABLE HOLDER ENTRY AND EARLY BIRD ENTRY 8:00 AM BANQUET: 8:00 PM	Mart Open: 9:00 AM - 12:00 PM TABLE HOLDER ENTRY AND EARLY BIRD ENTRY 8:00 AM SECURITY ENDS 12:00 PM

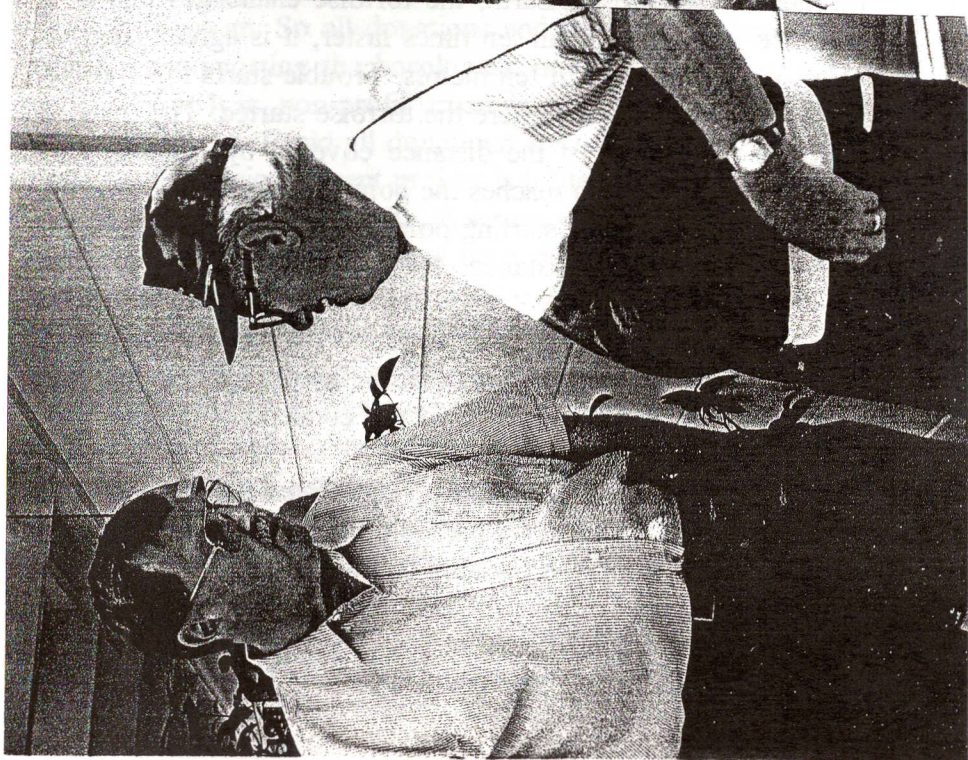
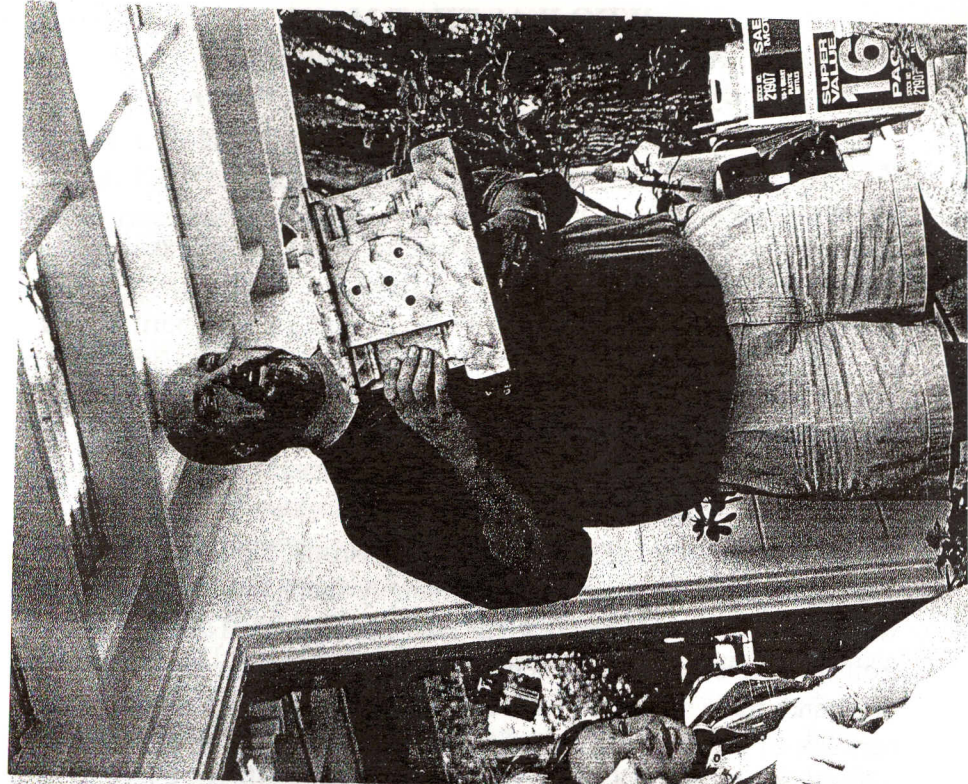
Host Hotel: Crowne Plaza, 282 Almaden, San Jose, CA 95113

For reservations phone: (408) 998-0400 ; Mention NAWCC. Rooms: \$ 79.00 per night, single or double.

----- ✂ cut out and mail with your check as soon as possible ✂ -----

*Name: (print) _____		NAWCC # _____		
*Spouse: _____		Spouse NAWCC #: _____		
Address: _____		Children under 17: _____		
City: _____		Phone: () _____	State: _____ Zip: _____	
*as you wish it to appear on your badge		Only 2 Badges per table same family One registration form per member		
Item	Before Oct. 20, 2001	Quantity	Total	Rate at the Door:
Registration:	@ \$25.00/person	_____	\$ _____	\$30.00 per person
Spouse	@ \$12.00/person	_____	\$ _____	\$15.00 per person
8 ft. Mart Tables:	@ \$35.00/table	_____	\$ _____	\$40.00, if available
EARLY BIRD ENTRY	@ \$15.00/person (all 3 days)	_____	\$ _____	\$15.00 per person
Banquet:	@ \$30.00	_____	\$ _____	\$35.00, if available
		TOTAL:	\$ _____	
Mail Reg. Form/Check payable to: Golden Gate Regional 2001 Mail to: Robert Moore, Mart Chairman, 100 Merk Rd., Corralitos, CA 95076 Phone: 831-728-4211 email: bobkat@cruzio.com				
Regional Chair: Ron Bechler, Ph: 408-926-3212 (evenings); email: rgbech@aol.com				

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WHO WAS THAT MAN?

An excerpt from "The Story of Time"

By TIMES (www.the-times.co.uk/time/)

ZENO

Who was he?

An early Greek philosopher who went in for odd paradoxes.

Where did he live?

Almost nothing is known of him except that he was born in and spent most of his life in Elea, in southern Italy.

When did he live?

Born around 490BC, he lived a good century before Plato or Aristotle.

What was his Big Idea?

The best known Greek "scientist" was Aristotle, but he had little to say about time. To him, time was simply there, immutable. Zeno was different; he thought a great deal about time. Taking his cue from the philosopher, Parmenides, Zeno believed he could prove time and movement did not exist. To do this, he created the paradox of Achilles and the tortoise. After Achilles boasts that he is the fastest creature on Earth, the tortoise challenges him to a race. Since Achilles can run ten times faster, it is agreed that the tortoise has a head start of ten metres. Trouble starts for Achilles when he reaches the point where the tortoise started. The tortoise has moved on a tenth of the distance covered by Achilles. So, Achilles runs on. He then reaches the point where the tortoise was when Achilles reached its starting point but the tortoise has again moved on a tenth of the distance. And it goes on so that Achilles never reaches the tortoise.

Why was this so important?

Zeno was one of the first to question the nature of time and the first to apply logic to this most abstract of concepts.

Has it stood the test of time?

Zeno's ideas are seen as mathematical curiosities and have led to interesting attempts to solve the paradox, but most scientists would claim that the questions the paradox throws up have little bearing upon the real world.

REDCAPS FOR THE REGIONAL

The 2001 Golden Gate Regional will take place on November 16, 17, and 18. Our chapter is providing Red Caps for the Regional. Please consider helping out the chapter. Contact John Stohr at 925-376-6476 to volunteer. People who volunteer for Red Cap duties will of course be admitted free to the Regional.

CHAPTER 180 AND THE WEST COAST MUSEUM

Hopefully you have heard about the founding of the West Coast Watch and Clock Museum in Bellingham, Washington. It is housed in the Watcom County Museum. Exhibits come from loans from the NAWCC and private collections. The county museum provides space to the watch and clock museum at no charge, but there are expenses associated with changing exhibits, setting up displays, and so forth. If this effort is to succeed it needs support. Chapter 180 of the NAWCC was formed to provide support, assistance and financial aid to the West Coast Watch and Clock Museum. Funds for the horological museum are not commingled with those of the Watcom Museum. So all donations and chapter memberships go directly to supporting the horological museum. The chapter is a recognized 501,3c, non-profit organization. All donations are tax deductible and as I said all donations are used for support of the museum. The major current project is to devise a computer-based labeling system for the exhibits. A screen would display the clocks; a mouse click would then bring up a detailed description of the clock under review. Hardware will be furnished by the Watcom complex. Software for the program would be funded by Chapter 180. A ten-dollar donation to Chapter 180 gets you a year's membership and a newsletter showing the museum progress and the changing exhibits. You also get a nice enameled pin. I encourage you to consider supporting this effort by joining Chapter 180. We should also consider sending a donation from Chapter 107. Ron Bechler is a director of the museum. He would be happy to answer any questions you may have. You may send donations and membership requests to Chapter 180 Treasurer, Dr. Robert Gross, 3354 E. Laurelhurst Drive NE Seattle, WA 98106

ELECTION OF OFFICERS & DIRECTORS

December is the month we elect new officers and directors. John Stohr, our Nominating Committee Chairman, is now beginning to canvass members in order to see who would be interested in helping to steer our Chapter. Most positions involve only staying for a little while after the Sunday chapter meeting to attend the board meeting. Everyone has something to contribute and it's a great way to get to know the rest of the members of Chapter 107. Please consider helping out the chapter. Contact John Stohr at 925-376-6476 to volunteer.

PICNIC SUCCESS

From Tom Armour

I want to congratulate Lois, Jay, Walt and all those workers who made last Sunday's Meeting and Picnic such a whopping success! Carolyn and I had a great time, and the food, company, ambiance and weather were extraordinary.

I want to share my delight in winning the \$20 Faux Marble (yellow paint) mantle clock at the auction. On arriving home, I took the goodies out from inside the case and was pleasantly surprised with the completeness of its contents, including nails and screws. All was there except the key and the original front feet. New replacement feet were included but had never been installed (new screw holes in case needed). The movement looked very clean and so I hung it on a stand. It started ticking before I put on the pendulum, and it has been running ever since! I will oil the works, clean up the case, assemble the parts, and stand back to admire our new found treasure. Carolyn and I feel very fortunate with our Chapter sponsored acquisition.

The Auction at the Picnic is a must in the future!
Does anyone know who donated the mantle clock to the auction?

I remain a proud and satisfied Chapter 107 Member with best regards, Tom

TECHNICAL QUIZ

1. When and where did the first weight driven clocks appear?
2. Who made and when was the first quartz movement made?
3. What is annealing?

3. Annealing is the process of softening steel by heating it to a high temperature and allowing it cool slowly to prevent brittleness. This allows a metal to be worked with more easily (e.g. turning).

2. Come to the October meeting and find out.
1. In Italy around the turn of the twelfth century.

Answers

FROM THE EDITOR

I want to thank Price Russ for volunteering to take over as Editor of the bulletin next year. From the quality of his President's messages you can tell he will do a great job. Please continue to support Price in this position.

—Bill Koppel

TOOL LIBRARY

The following tools are available for loan.....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.)

CHAPTER #107 MEETINGS*

*Meeting Days and Times***

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

This Year's Meeting Dates

SUNDAY & Board

February 11th
 April 8th
 June 10th
 August 12th
 October 14th
 December 9th (luncheon)

FRIDAY EVE

January - None
 March 2nd
 May 4th
 July - None
 September 7th
 November 2nd

*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.

**Dates may vary due to conflicts.

Other NAWCC Chapter Meetings in Northern California		
Chapter	Meeting Address	Meetings
De Anza #94	Odd Fellows Lodge 20589 Homestead Rd Cupertino, CA	1st Sunday even months (except April)
Monterey Bay #70	Live Oak Grange Hall 1900 17th Ave Santa Cruz, CA	3rd Sunday odd months
Sacramento #71	Sacramento Garden Center 3330 McKinley Blvd. Sacramento, CA	4th Sunday odd months
San Francisco #5	San Leandro Boys & Girls Club 401 Marina Blvd. San Leandro, CA	2nd Sunday odd months (except May)

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, Del Valle Theater - 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, Del Valle Theater - 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, Del Valle Theater - 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.