

December Club Meeting

Date: Friday, December 18, 2009

Time: Socializing at 7 pm, Meeting at 7:30

Place: Covington School, 205 Covington Road, Los Altos

Speaker: Howard Califf, W6HOC, from Ham Radio Outlet in Sunnyvale

Topic: New and Exciting Goodies for the Ham Shack

Summary: Howard repeats his popular pre-holiday show of new and exciting "goodies" for the ham shack. He will show the latest in gear and accessories for the well-equipped home, mobile, and portable Amateur Radio station.

Prizes: The first prize will be a Yaesu FT-1900R/E Two meter Transceiver base station 55 Watts. 2nd prize 37 feet Belden 9913F7 High-Flex 50 ohm coax. Third prize ARRL 2009-2010 Repeater Directory (if Mikel has any left) Fourth prize Yaesu Radio Amateur World Map; Fifth etc. Two- Icom Adventures of Zack and Mack Calendars.

The club offers refreshments (great coffee, great cookies), great raffle prizes and technical advice at the meeting: Bring your questions for Dr. Know-It-All and get great answers. Be sure to attend for an enjoyable evening!

Pre-Meeting Dinner: There is a pre-meeting dinner at 6:00 pm for those who would like to attend. We meet at the Beausejour Restaurant, 170 State St., Los Altos. There are Great Early Bird specials.

November Meeting Report

Jerry Ramie, KI6LGY, talked about Communications in the Modern Power Grid. The power grid is aging and a new communications infrastructure is needed. Jerry described various options for communications in the smart grid, including strengths and weaknesses.



Jerry Ramie, KI6LGY
November Speaker



Dick, Carroll, Walt
Raffle Winners

The first prize, a Yaesu FT-1900 2-meter 55-watt mobile transceiver, was won by Dick Baldwinson, N6ATD. 2nd prize, a 2009 ARRL Handbook, was taken home by Walt Lee, K6WAL. Carroll Kerns, KG6YPH, took home the third prize, a 2009-2010 Repeater Directory. The Wish You Were Here number for Howard Takaoka, KG6GRO, was chosen. Unfortunately, Howard was not present to claim the prize.

President's Corner



Membership Meeting. Our next regular membership meeting is Friday, December 18th at 7pm. This month's talk is **New and Exciting Goodies for the Ham Shack** with Howard Califf, W6HOC. Howard will give his ever popular show of "goodies" just in time for the Holidays.

Elections. At our Annual Membership meeting, we elected five directors to the FARS Board of Directors for three-year terms: Mikel Lechner, KN6QI; Steve Stearns, K6OIK; Dave Cooper, K6WA; Phil Hawkins, KA6MZE; and Robert Flemate, KE6TFU.

Winter Banquet 2010. The FARS/PAARA Winter Banquet 2010 is scheduled for January 22nd. Our speaker is Professor Thomas H. Lee of the Stanford Microwave Integrated Circuits Laboratory. His talk From Arc Alley to Silicon Valley, covers some of the history of technology and radio in the Silicon Valley. His talk, is based in part on his book chapter entitled A Nonlinear History of Radio. All the details and sign-up forms are available at <http://www.fars.k6ya.org/events/banquet>.

Am-Tech Day. Check the link below for the date for the next Amateur Radio Technology Day. Movies are scheduled at 7pm and there is always a lot of activity and interesting programs, so be sure to check it out. Bring out your portable gear to show or work contacts. Also, try out our GOTA station. Check the web site (www.fars.k6ya.org/amtechday/) or the email list (www.fars.k6ya.org/mail/) for the date and program information.

Electronics Flea Market. The Electronics Flea Market is closed until March 2010.

Email Notices. Subscribe to the FARS Announcement list (www.fars.k6ya.org/mail/) to receive reminders of FARS activities and other news.

de Mikel, KN6QI

Upcoming Events

- Dec 18 7:00 pm, [Club meeting](#), FARS Homebrew Contest
 - Jan 7 '10 7:30 pm, Board Mtg at the Los Altos Town Crier
 - [Electronics Flea Market](#) Resumes March 2010
 - Jan 2010 8 am to 9 pm, [Am-Tech Day](#), SLAC NAL
 - Jan 22 '10 6:00 pm, [Winter Banquet](#), Michael's at Shorline
 - Thursdays 8:00 pm, FARS net, 145.230(-), 100 Hz PL
- See more events, [FARS Calendar](http://www.fars.k6ya.org/events/calendar) <<http://www.fars.k6ya.org/events/calendar>>

CLUB INFORMATION

President: Mikel Lechner, KN6QI
 Vice President: Steve Stearns, K6OIK
 Treasurer: David Cooper K6WA
 Secretary:
 Radio Officer: Phil Hawkins, KA6MZE
 Training Officer: Kevin Weiler, K6XXX
 Relay Editor: Mark Hardy, K6MDH
 FARS Board: Dick Baldwinson N6ATD, Peter Chow AF6DS,
 Robert Flemate KE6TFU, Nimit Hongyim K6XOX,
 Gerry Horn K6TXD, Charlie Morrin KI6FXY,
 Barbara Neuhauser AE6RM.
 K6YA Trustee: Phil Hawkins, KA6MZE
 FARS Web Page: <http://www.fars.k6ya.org>
 Download Relay: <http://www.fars.k6ya.org/relay>
 Club members and non-members are encouraged to subscribe to the FARS Announcement list by browsing www.fars.k6ya.org/mail, clicking on Subscribe/Unsubscribe and following the instructions under "Subscribing to fars-announce."
 You may submit announcements to the FARS Announcement at fars-announce@svpal.org. The list is moderated and messages will be posted as approved by the list moderator.
 Contact the FARS board of directors at fars-board@svpal.org
 Club meetings are held at 7 PM on the fourth Friday of each month except January (Winter Banquet); and sometimes there are changes for June (for field day) and Nov. & Dec (for holidays).
 Annual club membership is \$20. Club badges are \$9. Visitors are always welcome! Directions in this newsletter. Talk-in: N6NFI (145.23-, 100 Hz) or W6ASH repeater (145.27-, 100 Hz).
 FARS Relay is the official monthly newsletter of the Foothills Amateur Radio Society. Contributions to the newsletter from members, family, and guests are earnestly solicited! Contributions are subject to editing and/or compression. All readable forms welcome.
 Here is how to reach the editor:
 Mark Hardy, K6MDH
 Mail: P.O. Box 2248
 Santa Clara, CA 95055
 Voice: 408-243-0701 (Before 9 PM, preferred)
 Email: mark.af6do@gmail.com, At FARS meetings.

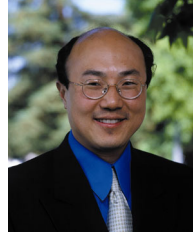
December Raffle Prizes

The first prize will be a Yaesu FT-1900R/E Two meter Transceiver base station 55 Watts. 2nd prize 37 feet Belden 9913F7 High-Flex 50 ohm coax. Third prize ARRL 2009-2010 Repeater Directory. Fourth prize Yaesu Radio Amateur World Map; Fifth etc. Two- Icom Adventures of Zack and Mack Calendars. Photos are from yeasu.com, bswusa.com and arrl.org.



FARS/PAARA Winter Banquet 2010

The FARS / PAARA annual banquet takes place on Friday evening, January 22, 2009. The Foothills Amateur Radio Society and the Palo Alto Amateur Radio Association (www.paara.org) team up to put on this special ham radio event. The banquet will be held at Michael's at Shoreline in Shoreline Park in Mountain View. Reservations are required.



Topic: From Arc Alley to Silicon Valley

Speaker: Thomas H. Lee, Professor, Stanford Microwave Integrated Circuits Laboratory

Speaker Information: Professor Lee of the Stanford Microwave Integrated Circuits Laboratory will speak on the early history of radio, and its relationship to the development of Silicon Valley. His talk, is based in part on

his book chapter entitled "A Nonlinear History of Radio."

Professor Lee has pictures of a Palo Alto home (at Channing Ave. and Emerson St.) that was the birthplace, in 1909, of the first high-tech company in what would later become Silicon Valley.

Professor Lee will provide an overview of the contributions to radio technology by pioneers such as Maxwell, Hertz, Marconi and many others.

We plan for approximately \$800 in valuable prizes!

Banquet Sign-up

You may print the form in this Relay or from the website at <http://www.fars.k6ya.org/events/banqsignup>. Fill it out and mail along with your check for payment. Paper sign-ups should be mailed by January 14th so that they will be received by the January 18th deadline. Last minute sign-ups, after January 14th, should use the on-line form.

You may register online with a PayPal account or a credit card at <http://www.fars.k6ya.org/cgi-bin/bq-signup> to make your payment. To register, you need to provide at least your name and email address. On-line sign-ups will be accepted until noon on Monday, January 18th.

See the FARS website at <http://www.fars.k6ya.org/events/banquet> for more information and for refund policies.

Schedule: 6:00pm - Open Bar (No Host)
 7:00pm - Dinner
 8:00pm - Presentation
 9:00pm - Announcements, Awards, Raffle

Menu

| Choice | Menu Description | Price |
|---------|------------------------------------|-------|
| Beef | Roast Prime Rib of Beef | \$ 42 |
| Chicken | Breast of Chicken, Florentine | \$ 31 |
| Fish | Broiled Salmon, Lemon Beurre Blanc | \$ 37 |
| Veg | Vegetarian Brochette w/ Wild Rice | \$ 27 |

We have a NO HOST BAR for soft drinks, wine, beer, etc.

[The banquet is open to anyone who wants to attend. Note that unlike our regular meetings, attendance at the banquet is by reservation only and prepayment of fees is required. Our arrangement with the restaurant does not allow us to accept walk-ins.]

FARS Field Day 2009

The 2009 Field Day scores were posted on the ARRL website not too long ago. FARS participated in Field Day with the club callsign K6YA and the GOTA callsign KI6QNZ. Operating in the 3A category in the Santa Clara Valley (SCV) Section, FARS achieved a score of 3296 with 1094 QSOs and 25 participants. This score qualified FARS in the 515th spot out of 2613 Field Day entries. FARS scored 103rd of 306 entries in the 3A category. In the Pacific Division, FARS scored 28th out of 151 overall, and 6th out of 15 in the 3A category. In the Santa Clara Valley section FARS scored 9th out of 31 entries.

2009 Field Day Results for 3A Sites in the Pacific Division

| # | Call | Score | Cat | QSOs | Power | GOTA | Sect | #Part | Club |
|----|--------|-------|-----|------|-------|--------|------|-------|----------------------------|
| 1 | K6LY | 6810 | 3A | 1677 | 2 | K6NPS | SCV | 26 | Naval Postgrad Sch ARC |
| 2 | W6CUS | 5930 | 3A | 1479 | 2 | WS6V | EB | 20 | East Bay ARC |
| 3 | W6SW | 5518 | 3A | 1834 | 2 | W6K | SJV | 5 | San Andreas Faultline Surv |
| 4 | N6FR | 3830 | 3A | 1023 | 2 | | SV | 17 | GNARC |
| 5 | WA6SJV | 3398 | 3A | 812 | 2 | WA6WTF | SJV | 40 | San Joaquin Valley ARS |
| 6 | K6YA | 3296 | 3A | 1094 | 2 | KI6QNZ | SCV | 25 | Foothills ARS |
| 7 | W6PS | 2840 | 3A | 961 | 2 | | SV | 8 | High Sierra FD Group |
| 8 | K6LRC | 2088 | 3A | 364 | 2 | | SV | 21 | Lassen ARC |
| 9 | W6DD | 1996 | 3A | 459 | 2 | | SV | 20 | Nevada Co. ARC |
| 10 | WA6BAI | 1512 | 3A | 170 | 2 | | SJV | 19 | Tulare Co ARC |
| 11 | W6BML | 1448 | 3A | 436 | 2 | | SV | 7 | Mt Shasta ARC |
| 12 | K6QLF | 1392 | 3A | 105 | 2 | KF6UVB | EB | 32 | ARC of Alameda |
| 13 | W6AJF | 1324 | 3A | 318 | 2 | | SF | 10 | Valley of the Moon ARC |
| 14 | W6MMM | 1136 | 3A | 243 | 2 | | SF | 18 | Willits ARS |
| 15 | NB6GC | 930 | 3A | 240 | 2 | | EB | 7 | Hornet ARC |

2009 Field Day Results for All Sites in the Santa Clara Valley Section

| # | Call | Score | Cat | QSOs | Power | GOTA | Sect | #Part | Club |
|----|--------|-------|------|------|-------|--------|------|-------|-------------------------|
| 1 | W6YX | 17448 | 4F | 5499 | 2 | K6SU | SCV | 30 | Stanford ARC |
| 2 | W6ZZZ | 14405 | 9AB | 1453 | 5 | AD6RE | SCV | 30 | West Valley ARA |
| 3 | W6ARA | 11326 | 4A | 3480 | 2 | W6OTX | SCV | 74 | Palo Alto ARA |
| 4 | K6WC | 10518 | 6A | 2645 | 2 | N1WC | SCV | 70 | Santa Cruz Co ARCs |
| 5 | K6SA | 9458 | 2A | 2802 | 2 | K6NN | SCV | 41 | Saratoga ARA |
| 6 | K6MI | 8420 | 1AB | 751 | 5 | | SCV | 6 | Chew's Ridge Gang |
| 7 | K6LY | 6810 | 3A | 1677 | 2 | K6NPS | SCV | 26 | Naval Postgrad Sch ARC |
| 8 | W6UQ | 3724 | 2A | 1014 | 2 | W6TUK | SCV | 15 | San Mateo RC |
| 9 | K6YA | 3296 | 3A | 1094 | 2 | KI6QNZ | SCV | 25 | Foothills ARS |
| 10 | N6MI | 2332 | 2A | 509 | 2 | | SCV | 6 | Derangers |
| 11 | W6UW | 2312 | 2A | 567 | 2 | W6UU | SCV | 22 | SCCARA |
| 12 | WR6HMB | 2302 | 2A | 669 | 2 | | SCV | 20 | Half Moon Bay ARES |
| 13 | K6RB | 2102 | 1E | 463 | 2 | | SCV | 1 | |
| 14 | AC6P | 1818 | 2A | 634 | 2 | | SCV | 8 | UCSC Hams |
| 15 | K6SNY | 1710 | 2A | 273 | 2 | | SCV | 44 | SARES |
| 16 | WA6TOW | 1664 | 2A | 444 | 2 | | SCV | 28 | Coastside ARC |
| 17 | K6KP | 1314 | 2F | 113 | 2 | | SCV | 21 | Cupertino ARES |
| 18 | K6KQV | 1298 | 1E | 308 | 2 | | SCV | 1 | |
| 19 | K6UF | 1276 | 1E | 342 | 2 | | SCV | 1 | |
| 20 | W6YL | 1256 | 2A | 271 | 2 | | SCV | 10 | San Jose State Univ ARC |
| 21 | K6SRA | 1016 | 2A | 169 | 2 | | SCV | 9 | Sierra Radio Assn |
| 22 | K6TD | 726 | 1E | 135 | 2 | | SCV | 1 | |
| 23 | AA6BS | 660 | 1E | 51 | 5 | | SCV | 1 | |
| 24 | K6MTV | 464 | 1F | 54 | 2 | | SCV | 23 | Mountain View ARES |
| 25 | K6OTT | 416 | 1E | 33 | 2 | | SCV | 1 | |
| 26 | N7WY | 390 | 1B1B | 29 | 5 | | SCV | 1 | |
| 27 | W6TUW | 286 | 1F | 36 | 1 | | SCV | 2 | Santa Cruz Co AEC |
| 28 | KO6YG | 155 | 1E | 11 | 5 | | SCV | 1 | |
| 29 | W6KYF | 134 | 1E | 22 | 2 | | SCV | 1 | |
| 30 | AD6QQ | 80 | 1B1B | 6 | 5 | | SCV | 1 | |
| 31 | KE6PPE | 44 | 1D | 22 | 2 | | SCV | 1 | |

FARS 2010 MEMBERSHIP RENEWAL FORM

Date: _____

PLEASE fill out the form for all new/renewal memberships.

Name(s) & Callsign(s) & Class (E-A-G-T-N-None): _____

Mailing Address: _____

Home phone: _____ Work phone: _____

Fax (H or W?) _____ Packet BBS Address: _____

E-mail: _____ ARRL Exp Date(s): _____

Preferred modes: (e.g. HF-SSB/VHF/QRP/Other): _____

I'm willing to Elmer new hams with: _____

Special topics of interest / suggestions for club meeting speakers:

Dues: \$20 per year. Add \$9 for badge if desired. **Please note:** Membership runs from January 1 to December 31.

FARS/PAARA 2010 WINTER BANQUET SIGNUP (January 22, 2010 at Michael's at Shoreline)

Deadline for signups for the banquet is January 18, 2008. Please mail no later than January 14th.

| <u>Name & Call</u> | <u>Meal Choice</u> | <u>Amount</u> |
|------------------------|--------------------|---------------|
| You _____ | _____ | _____ |
| Email _____ | | |
| Guest1 _____ | _____ | _____ |
| Guest2 _____ | _____ | _____ |
| Guest3 _____ | _____ | _____ |
| Guest4 _____ | _____ | _____ |
| | Total | _____ |

This form may be used for membership renewal, banquet signup or both.

Send your check payable to FARS, to:

David A. Cooper
PMB 41
270 Redwood Shores Parkway
Redwood City, CA 94065-1173

| Choice | Menu Description | Price |
|---------------|------------------------------------|--------------|
| Beef | Roast Prime Rib of Beef | \$ 42 |
| Chicken | Breast of Chicken, Florentine | \$ 31 |
| Fish | Broiled Salmon, Lemon Beurre Blanc | \$ 36 |
| Veg | Vegetarian Brochette w/ Wild Rice | \$ 27 |



How to get to FARS Club meetings (Visitors always welcome)

Meetings are held at the Covington Elementary School (directions below) on the fourth Friday. Socializing at 7 PM with the regular meeting at 7:30 PM. There may be changes in the meeting dates for January, June, November, and December.

DIRECTIONS:

From Interstate 280. take the El Monte exit Northeast. Cross Foothill Expressway. (A) At the first traffic light turn right on Covington. (B) Immediately at the fork take the left street (Covington). Go about 1/10th of a mile. Turn left into the parking lot. The gym is the tall building to your right with red and white stripes.

From Foothill Expwy., take the El Monte exit and go Northeast; then follow directions as above at point (A).

From US101 or El Camino: take San Antonio Road west (to Foothill Expressway). Then follow directions above at point (A).

TALK-IN via the [N6NFI](#) (145.230-; 100Hz PL) repeater or the [W6ASH](#) 145.27- (100Hz PL) repeater.

FARS Meeting
 FRIDAY 18 December 2009
 Covington School