



August 2007 Volume 37, Number 8

August Club Meeting

Date: Friday, August 24, 2007
Time: Socializing at 7 pm, Meeting at 7:30
Place: Covington School, 205 Covington Road, Los Altos
Speaker: Kristen McIntyre, K6WX
Topic: HF Operating

Summary: HF operating can be fun and rewarding. With recent changes in both international treaty and FCC rules, all hams now have HF privileges. If you've grown up in amateur radio operating only on VHF/UHF and on local repeaters, you'll find HF operating to be a different world with its own procedures, language, and style. This talk will take you on a tour of those differences and show you a few ways to get started on your journey toward enjoyment of the 'low bands'. Even if you're an old timer, come join us to encourage and elmer your friends.

About the Speaker: Kristen McIntyre, K6WX, has been interested in radio since she was 5 years old. She started in Amateur Radio in 1979 getting her ticket while at MIT. Kristen has worked in many diverse areas from analog circuit design to image processing to starting and running an ISP. She is currently working as a principal investigator at Sun Microsystems Laboratories where she is researching robustness and emergent properties of large distributed computer systems. She is a long time denizen of Silicon Valley and has worked at or consulted for many of the usual suspects. Kristen is an active ham and loves to chase DX on HF with her Elecraft K2, which she built while visiting her mother in Florida. She is an ARRL Technical Coordinator for the East Bay Section, president of the Palo Alto Amateur Radio Association, and is active in many local clubs.

Two great prizes will be raffled at this meeting: The main prize this month is a SGC-7014 Digital Signal Processing Speaker. Second prize is a MFJ-281 speaker.

HT power and rubber duck measurement service will be provided: Dick, N6ATD, and Phil, KA6MZE, will measure the output power of your 2-meter radios and the SWR of your rubber ducks. Bring your 2-meter handheld radio for power and SWR testing **with the battery at full charge**. We plan to have Anderson Power Pole connector installation service.

The club offers refreshments at the meeting. Be sure to attend for an enjoyable evening. Get your name in the Relay. Bring your toughest questions for Dr. Know-It-All.

Upcoming Events

- Aug 24 7:00 PM, [Club meeting](#), Covington School
- Sep 6 7:30 PM, Board Mtg at the Los Altos Town Crier
- Sep 8 8 AM to 9 PM, [Am-Tech Day](#), SLAC, 8AM-9PM
- Sep 8 [Electronics Flea Market](#), De Anza, 5 am to Noon
- Sep 28 7:00 PM, [Club meeting](#), Covington School
- 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>>

President's Corner

Membership Meeting. Our next meeting is Friday, August 24th at 7pm. The program is "HF Operating" with Kristen McIntyre, K6WX.

Memorial for Norm Rehbein, W6IQX became a silent key on the 4th of July. His funeral service was held at Arlington Cemetery on July 17th where he was interred. There is a memorial service for Norm on August 26th and those who knew him or simply want to pay their respects are invited to attend.

Norman William Rehbein
at **St. Luke's Lutheran Church**
1025 The Dales
Sunnyvale, California
at 2pm on
Sunday, August 26, 2007

Am-Tech DAY. The next Amateur Radio Technology Day is scheduled for September 8th at the Stanford Linear Accelerator Center. Check the FARS web site (www.fars.k6ya.org/amtechday/) for the program schedule, directions, and the latest news. Subscribe to the FARS Announcement list (www.fars.k6ya.org/mail/) to make sure you get an email reminder for this and other FARS activities.

On-line Roster. The membership roster is on-line, so you can update your information on-line. You can also use the on-line roster to find out how to contact other FARS members and to renew your membership (www.fars.k6ya.org/cgi-bin/r-edit). You can also renew your membership on-line via PayPal.

Flea Market. The next Electronics Flea Market is at De Anza College on Saturday September 8th. Check www.electronicfleamarket.com for details and directions.

- de Mikel, KN6QI

July Meeting Report

Steve Stearns, K6OIK, spoke about how power and SWR meters work. He spoke about transmission lines, standing waves and SWR. He pointed out that power reduction can result from impedance mismatches, return dissipation, and insertion loss. SWR can be measured with bridges and Inline meters.



Steve Stearns, K6OIK



Elliot Sims, KG6FNO

Elliott Sims, KG6FNO, won the first place raffle prize and took home the Daiwa CN-801HP Cross Needle SWR and Power Meter 1.8 -200 MHz, three ranges 20-200-2000, Watts-Av. and PEP. Doña Kerns, KI6DAR, won the NARCC Repeater listing. The Wish You Were Here number for Ron Badger, KD6HZU, was chosen. Unfortunately, Ron was not present to claim the prize.

ARRL Section Award

Pink Foster, KG6ILA, received an award presented by ARRL Santa Clara Valley Section Manager, Bill Dale, N2RHV. The award recognized the service that Pink has provided as the Santa Clara Valley Section Traffic Manager.



Bill Dale, N2RHV, Santa Clara Valley Section Manger; **Pink Foster, KG6ILA**, Santa Clara Valley Section Traffic Manager; and **Mikel Lechner, KN6QI**, FARS President

FARS Board Meeting Minutes

The meeting was held 12 July 2007 at 7:50 pm. Attendees: Mikel, KN6QI; Dick, N6ATD; Ron, KG6RLG; Phil, KA6MZE; Robert, KE6TFU; Pink, KG6ILA; Kevin, KG6YYW; Mark, KG6GRR.

Field day, which went well, was discussed and reviewed. There were many visitors, demonstrations of various modes and no safety issues. The balloon operation went well and we would like to have an experimental antenna next year. There were some problems with interference between stations. A motion was made to send \$200 to Maryknoll, which passed unanimously.

The July Am-Tech day went well. Rituals were held at 7:07 am and 7:07 pm on 7/7/07. During the event, a member's car was dented.

Various options for programs for the monthly meetings were discussed. A new PA system to replace the current one (that is aging) was also discussed.

The FARS General Class was very successful with good feedback. All students who took the test passed.

A motion was made (passed unanimously) to allow up to \$300 to fix the club generator for future use.

Passing of Shirley Rich

FARS has received news that Sig Rich's wife, Shirley, passed away on June 3, 2007. She and Sig had celebrated their 69th wedding anniversary in Sept. 2006. They have 4 children, 7 grandchildren, and 7 great grand children. Shirley was 89. The Los Altos Town Crier reports that a memorial service was held at Sunny View Manor, where Shirley and Sig (KG6HRU "How Are You?") lived. For further information, see the obituary at <http://www.losaltosonline.com/2007/06/20/obituary-notice-25/>.

- de Frank, K6FCW

[Please accept my apologies for the delay in this posting—Ed.]

CLUB INFORMATION

President: Mikel Lechner, KN6QI
Vice President: Steve Stearns, K6OIK
Treasurer: David Cooper KE6PFF
Secretary: Rob Riley, KI6INR
Radio Officer: Phil Hawkins, KA6MZE
Training Officer: Kevin Weiler, K6XXX
Relay Editor: Mark Hardy, AF6DO

FARS Board: Dick Baldwinson N6ATD, Robert Flemate KE6TFU, Pink Foster KG6ILA Ron Green KG6RLG, Kristen McIntyre K6WX, Barbara Neuhauser AE6RM.

Station Trustee: Stan Kuhl, K6MA
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.

The FARS board of directors may be reached 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 \$8. 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 subject to editing and/or compression. ASCII files via Internet preferred; but all readable forms welcome.

Here is how to reach the editor:

Mark Hardy, AF6DO
Mail: 2998 Jerald Avenue
Santa Clara, CA 95051
Voice: 408-243-0701 (Before 9 PM, preferred)
Email: kg6grr@arrl.net, At FARS meetings.