

### June Club Meeting

**Date:** Friday, May 26, 2006.

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

**Place:** Covington School, 205 Covington Road, Los Altos

**Speaker:** Field Band Captains

**Topic:** FARS Field Day

We will be raffling off one of the following grand prizes at this meeting (winner's choice):

- Yaesu FT-2800 (mobile 2m Transceiver w/ 65W output)
- Diamond D220 VHF/UHF mobile antenna
- MP1 Super Antenna mobile 7MHz - 440MHz

The club offers Anderson Power-pole crimping service and refreshments at the meeting. Be sure to attend for an enjoyable evening. Don't forget to bring your questions to Dr. Know-it-all.

### May Meeting Report

DR. Jay Skiles, a research scientist at NASA Ames Research Center, developed a program for terrestrial ecosystem modeling. He spoke on "Harvesting Solar Power in Space and Getting it Down to Earth." He showed research on different techniques to get power from space to Earth, including microwaves, LASERS, and mirrors. A test held at Reunion Island showed efficiencies of 4.5 to 7%. Dr. Skiles also showed research on the affects of low-level microwave radiation on plant growth to determine if such radiation is detrimental to life. This research is important to insure that energy can be safely beamed down to earth from space without harming plants and animals.



**Dr. Jay Skiles**

**Jim Koski, KT6W**

Jim Koski, KT6W, won the raffle and took home the Yaesu FT-2800 radio. The Wish You Were Here number for Herb Vanderbeek, WY6G, was chosen. Unfortunately, Herb was not present to claim the prize.

### Presidents Corner

**Club Meeting.** Jun 16<sup>th</sup> at 7pm. This month's meeting is a week earlier than usual because of Field on the 24<sup>th</sup>. The meeting is at our usual location at Covington School, 205 Covington Road in Los Altos.

**Am-Tech DAY.** The next Amateur Radio Technology Day is tentatively scheduled for July 8<sup>th</sup> at the Stanford Linear Accelerator Center. Check the FARS web site ([www.fars.k6ya.org/](http://www.fars.k6ya.org/)) for the latest details and changes. Subscribe to the FARS Announcement list ([www.fars.k6ya.org/mail/](http://www.fars.k6ya.org/mail/)) to make sure you get an email reminder.

**Field Day 2006** is scheduled for June 24<sup>th</sup> and 25<sup>th</sup>. We are still taking signups. We need a few more people for the setup and takedown crews, and there are still many openings for operating the four radio stations. We have a Get On The Air (GOTA) station that is intended for Technicians and people without a license. Encourage (or bring) your friends and family to come visit us and work the GOTA station.

You can sign up on line from the Field Day page <http://www.fars.k6ya.org/events/fieldday> or at this month's club meeting on June 16<sup>th</sup>. We are operating a voice HF SSB station, a CW/Digital modes HF station, a VHF and satellite station, and a Get On The Air (GOTA) station.

Don't forget the BBQ at 5pm on Saturday. Everyone is invited, but let us know how many are coming so we can have enough food for everyone. We will be serving hot dogs and hamburgers. Please bring a side dish to share. Contact Peter, WA6VAQ for more information. Sign up at the meeting or online at the Field Day page.

We are again scheduled to have Field Day at the field near Maryknoll seminary in Los Altos. Please contact Phil, KA6MZE or myself if you can help.

**Flea Market.** The next Electronics Flea Market is at De Anza College on Saturday July 8<sup>th</sup>. Check [www.asvaro.org](http://www.asvaro.org) for details and directions. The June Flea Market is hosted by the Palo Alto Area Chapter of the Red Cross.

- de Mikel, KN6QI

### April Meeting Notes

Martin Liberman, KD6WJW, won the raffle prize of a Garmin GPS. This information was left out of last months Relay.

### Upcoming Events

June 16	7:00 PM, <a href="#">Club meeting</a> , Covington School
June 24-25	Field Day
July 6	7:30 PM, Board Mtg at the Los Altos Town Crier
July 8	8 AM to 9 PM, <a href="#">Am-Tech Day</a> , SLAC, 8AM-9PM
July 8	<a href="#">Electronics Flea Market</a> , De Anza, 5 am to Noon
July 28	7:00 PM, <a href="#">Club meeting</a> , 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>>

## FARS Field Day 2006

FARS will have its field day at the Maryknoll Seminary again this year. Field day setup will begin Friday, June 23. We need help picking up the antennas and other equipment to take it up to the Field Day site. Set-up at the site will begin at 12 Noon on Friday. Operating will start at 11 AM on Saturday, June 24, and will last until Sunday at 11 AM. Takedown will commence immediately thereafter and continue until completed.

FARS will hold a barbecue at approximately 5:00 PM on Saturday, as it has in years past. The barbecue has always been a fun event which adds to the overall enjoyment of Field Day.

FARS will operate in the 2A category again this year. The band captains are as follows:

- CW/Digital – Mikel, KN6QI. Come and try your hand at some CW (Morse code) contacts or have some fun with PSK31 or other digital modes. Mikel has a great station for digital contacts.
- SSB/Voice – Paul, AA6PZ. The SSB station provides a nice opportunity to make contacts all over the country and the world.
- VHF/Satellite – Phil, KA6MZE. Come participate with Phil as he tracks satellite with his automated tracking system and makes contacts on VHF.
- GOTA (Get On The Air) – Barbara, AE6RM. The GOTA station provides a convenient place to try out HAM radio and make contacts. A licensed control operator will be present so that Technicians and non-HAMs can make contacts and learn the fun of HAM radio.
- Barbecue – Peter, WA6VAQ. While not one of the “bands,” the barbecue is an important part of FARS field day and has always provided a great opportunity to share some food and meet other HAMs and friends.

The VHF/Satellite and GOTA stations do not count in the determination of the Field Day category.

FARS needs help with setup, operation, and takedown.

You can sign up at the FARS website at <http://www.fars.k6ya.org/events/fieldday>, at the Club meeting June 16<sup>th</sup>, or by contacting Phil KA6MZE, Field Day Coordinator (for contact information see the FARS website at <http://www.fars.k6ya.org/people/ka6mze>).

Please sign up for the barbecue so that we have an idea of how much food to bring (sign up for the barbecue at the same places/contacts noted above). Directions to the site and links to pictures of past FARS Field Days may also be found at the Field Day website.

## CLUB INFORMATION

President: Mikel Lechner, KN6QI  
Vice President: Steve Stearns, K6OIK  
Treasurer: David Cooper KE6PFF  
Secretary:  
Radio Officer: Phil Hawkins, KA6MZE  
Training Officer:  
Relay Editor: Mark Hardy, KG6GRR

FARS Board: Dick Baldwinson N6ATD, Robert Flemate KE6TFU, Pink Foster KG6ILA Ron Green KG6RLG, Kristen McIntyre K6WX, Barbara Neuhauser AE6RM, Rob Riley KG6HVW, Kevin Weiler KG6YYW.

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](http://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](mailto: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](mailto: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 \$6. 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, KG6GRR  
Mail: 2998 Jerald Avenue  
Santa Clara, CA 95051  
Voice: 408-243-0701 (Before 9 PM, preferred)  
Email: [kg6grr@arrl.net](mailto:kg6grr@arrl.net), At FARS meetings.

## Field Day Rules

You can view a copy of the [2006 Field Day Rules](http://www.arrl.org/contests/rules/2006/rules-fd-2006.html) at <http://www.arrl.org/contests/rules/2006/rules-fd-2006.html> or download a copy of the field day rules at <http://www.arrl.org/contests/forms/06-fd-Rules.pdf>. The complete 2006 Field Day Package is available at <http://www.arrl.org/contests/forms/06-fd-packet.pdf> [456K].

## FARS Membership Form

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

**FARS 2006 MEMBERSHIP RENEWAL FORM** Date: \_\_\_\_\_

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, new members add \$6 for badge fee.

**Please note:** Membership runs from January 1 to December 31.

Send your check payable to FARS, to:

David A. Cooper, KE6PFF  
270 Redwood Shores Parkway  
PMB 41  
Redwood City, CA 94065-1173



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.