

July 2014

Volume 44, Number 6

Thank you to everyone who joined FARS for Field Day 2014!

www.fars.k6ya.org

JULY CLUB MEETING

When & Where

Date: Friday, July 25th, 2014

Time: Socializing at 7PM
Meeting starts at 7:30PM

Guests are welcome to join us

Place: Covington School, 205 Covington Rd, Los Altos
(near Foothill Expressway and El Monte Rd)

Snacks: Cookies and coffee will be served.

Questions: Bring your hardest radio questions.
The mysterious Dr. Know-It-All reveals all answers.

Post-Meeting Snacks: Denny's on Mathilda in Sunnyvale.

Who & What

Presentation:

**Batteries –
Getting Peak Performance
And
Long Life**

**Speaker:
Charlie KI6FXY**

*See page 4
for details*



Raffle Prizes

We will have a great selection of Raffle Prizes as well as the CASH Wish-You-Were-Here Prize.

1st Prize: Wouzun KG-UV3D-2/UHF
2m/440 Dual Band HT

2nd Prize: Oak Hills Research RFL-100
Dummy Load Kit 100 Watt Continuous

3rd Prize: NARCC 2014 NorCal Repeater Directory

Wish-You-Were-Here Prize: A **CASH prize** awarded to a member who is present and has paid their 2014 dues. (now **\$40!**)



CALENDAR OF UPCOMING EVENTS

www.fars.k6ya.org/events/calendar

* Visitors are welcome at all FARS events! *

FARS is an amateur radio organization in the southern San Francisco Peninsula area serving residents of Los Altos, Palo Alto, Mountain View, and several other communities.

JULY

- 25** **FARS Club Meeting**, Covington School, Los Altos, CA, 7PM
Presentation: "Batteries – Getting Peak Performance and Long Life"
Speaker: Charlie KI6FXY

AUGUST

- 3** **Radio in the Park**, Agnews Historic Park, Santa Clara, 9:30am-12:30pm
Sponsored by FARS.
- 9** **Electronics Flea Market**, DeAnza College, 5AM
- 10** **BARC Meeting**, Panera Bread, Cupertino, 3PM
Bay Area Radio Builders Club. Sponsored by FARS.
See the website / Yahoo Group for details.
- 13** Board Meeting, Los Altos, CA, 7:30PM
- 22** **FARS Club Meeting**, Covington School, Los Altos, CA, 7PM

SEPTEMBER

- 13** **Electronics Flea Market**, DeAnza College, 5AM
SPONSORED BY FARS – SAVE THE DATE
Volunteers will help make this fundraiser a success
- 14** **ARRL VHF Contest**, 1800 UTC Sat – 0259 UTC Mon
Fun on the air!
- 14** **BARC Meeting**, Panera Bread, Cupertino, 3PM
Bay Area Radio Builders Club. Sponsored by FARS.
See the website / Yahoo Group for details and to confirm the date.
- 10** Board Meeting, Los Altos, CA, 7:30PM
- 19** **FARS Club Meeting**, Covington School, Los Altos, CA, 7PM

UPCOMING

- 10/4** **California QSO Party**, aka "CQP"
Fun on the air!

California QSO Party

- 10/10** **Pacificon Amateur Radio Convention**, Santa Clara, CA
- 10/18** **Jamboree on the Air**, Los Altos, CA
Scouts all over the world will contact each other via amateur radio.
Sponsored by FARS.

FARS Membership

Joining FARS
and
renewing your
membership to FARS
provides:

*
Much needed
support for your club
activities,

*
Qualifies you for the
CASH
Wish-You-Were-Here **Prize**
awarded at each
membership meeting,

*
Plus you'll receive
a **FARS Relay**
to your email each month!

Join us!

*Have a photo, article, or
operating news to share?*

*Email your FARS newsletter
editor at K6YL@ARRL.net*

P R E S I D E N T ' S C O R N E R

Mikel KN6QI

Membership Meeting. Our next membership meeting is scheduled for July 25th and our talk is about batteries. Charlie Morrin KI6FXY will speak about the different types of modern batteries, covering advantages and disadvantages. He will provide tips on selecting batteries and how to keep them at peak performance., plus tips on safety. See page 4 for details.



See the

Field Day 2014 is now history. FARS operated in the 3A category with 3 HF stations - SSB/Voice (80-10 meters), CW/Digital (80-10 meters), and Low Band (160-80 meters). We operated from emergency generators, hence the "A" designator. We also had a VHF station (6m, 2m, 70cm), and an HF GOTA station (20-10 meters). We made some contacts using solar-charged batteries for bonus points.

The N6DQ/K6YL hex beam tower trailer worked great for the GOTA and CW/Digital stations. It simplified the set up for those two stations and did a great job on the air. Thanks to Joanna K6YL for bringing that and all her work setting it up and taking it down.

We were a little light on volunteers for set up and take down, but we did manage to make it work. A special thank you to Bruce Riter KE6EEX for renting, driving the truck, and helping with all the loading and unloading needed. Thanks to Dave Crocker W6VYC for filling in for the ailing Dave Flack W6DLF at the GOTA station and at the BBQ.

And thanks to our station captains: Phil KA6MZE for 80m/160m, Charlie KI6FXY for VHF/Satelite, Paul AA6PZ for HF SSB, Dave Crocker W6VYC at the GOTA station.

Thanks to everyone else who helped out.

Next Electronics Flea Market on August 9th. This is the second Saturday of August. There is a flea market each month March through September. I expect to see many of you there! Full details at <http://www.electronicSFleaMarket.com/>.

FARS needs volunteers for the September 13th Electronics Flea Market. This is an important fundraiser for FARS to support our activities of programs and radio events (Field Day, Radio in the Park). We need help to sell vendor tickets, and manage the food booth for the flea market. Contact Mikel Lechner, KN6QI if you can help out of a couple of hours on Saturday 9/13/2014.

Support FARS with membership. Membership dues are our main source of support, helping FARS put on programs and other activities. Membership is only \$20 (\$10 youth rate for applicants under 18) for the year. Look for a membership form on the back of this newsletter, or check on-line on our web site at <http://k6ya.org/membership>.

FARS is a California 501(c)(3) non-profit corporation, so donations and membership dues are tax deductible with the California Franchise Tax Board and the Internal Revenue Service. Note that donations to our raffles are also considered gifts, so they are generally deductible as well. Consult your tax advisor for details.

Email notices. Subscribe to the FARS Announcement List (<http://www.fars.k6ya.org/mail/>) to receive reminders of FARS activities and other news.

de Mikel KN6QI



FARS Field Day 2014 at Maryknoll in Los Altos, CA

FARS PRESENTATION FOR JULY

Details

When: Friday, July 25, 2014
Speaker: Charlie KI6FXY
Presentation: Batteries, Getting Peak Performance and Long Life

Charlie KI6FXY talks about the important subject of batteries. Batteries are everywhere in our lives and run all of our portable electronics. We rely on them to work reliably, keep us connected, and last for years.

Charlie talks about: battery safety, battery selection for ham applications, battery maintenance, and more. Learn how to make your batteries work better and last longer



JUNE RAFFLE PRIZE WINNERS

Congratulations!

1st Place! Wilko Wilkening **AG6DK**
Icom IC-V80-Sport 2m HT

2nd Place! Herb Vanderbeek **WY6G**
MFJ-882 HF/VHF 1.8-200 MHz
200W SWR Power Meter

3rd Place! Mikel Lechner **KN6QI**
Winner of a kindly donated Jetstream
JTRF1 frequency counter!

**Wish You
Were Here
Prize!** !! Dan Curry **K6DLC!!**



There was \$35 in the pot which Dan was not present to claim, so for July's meeting it increases to \$40!

FARS FIELD DAY 2014



Tower trailer on the move!

FIELD DAY WAS A SUCCESS!

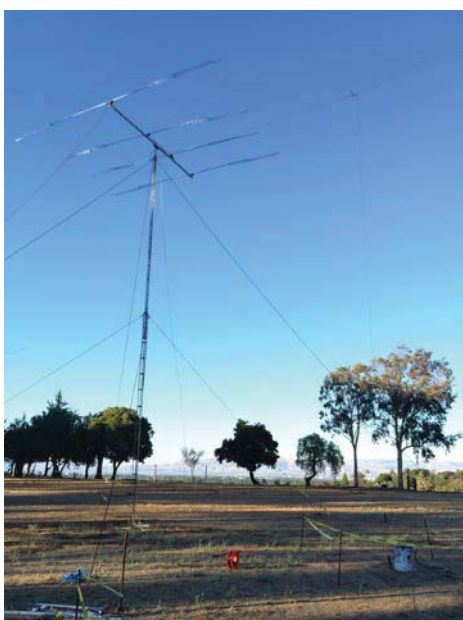
Thank you to everyone who participated
and a huge thanks to the dedicated volunteers.



FARS Field Day 2014



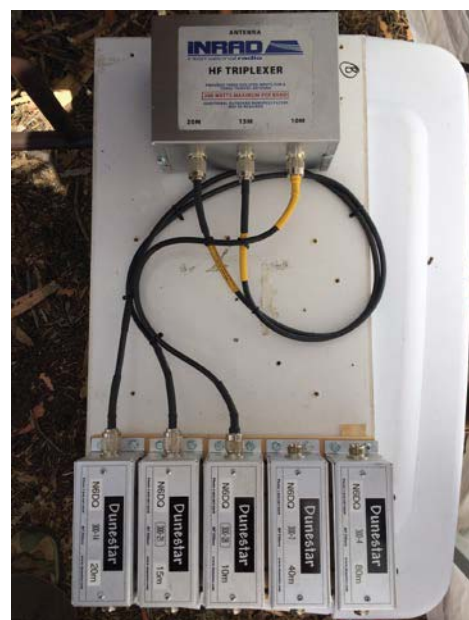
Field Day is the most popular on-the-air event held annually in the US and Canada, with 35,000+ amateurs gathering each year to operate. Over 60 of these amateurs participated with the Foothills Amateur Radio Society event for Field Day on June 28th and 29th, located on the soccer field of the Maryknoll Residence in Los Altos. Overlooking the San Francisco Bay Area this location provided an amazing view, great elevation (and take-off angle), and incredible weather.



Tribander used by the SSB station.



Hex beam used by GOTA & CW/Dig.



Triplexer for the K4KIO Hex Beam.

FARS FIELD DAY PHOTOS



Thank you to the operators, volunteers, and also the others who did not operate but provided equipment, food, encouragement, spousal consent and other valuable considerations.



Phil KA6MZE, our Field Day Captain!



Attaching the K4KIO Hex Beam to the tower trailer.



Close to 60 attendees at the Saturday night potluck!



Generators, batteries & solar power. That's the way we roll.



Launching the balloon! Our 160/80m transmit antenna.



Late night demo with Kit WA6PWW and his receiving loop.

FARS FIELD DAY PHOTOS

The radios were interfaced directly to the laptops, and WriteLog was the chosen logging software for each station. Additionally, WriteLog was networked amongst the computers providing visibility of the full log from each station.



Phil KA6MZE and Rohan KJ6LXV on the low bands.



Susanne WA6CUX cranks out the Q's on CW.



Paul AA6PZ, caption of the SSB station.



Jim K6TW, Paul AA6PZ (w/ balloon remnants), Dick N6ATD



Vivek lends a hand during takedown on Sunday. Thanks!

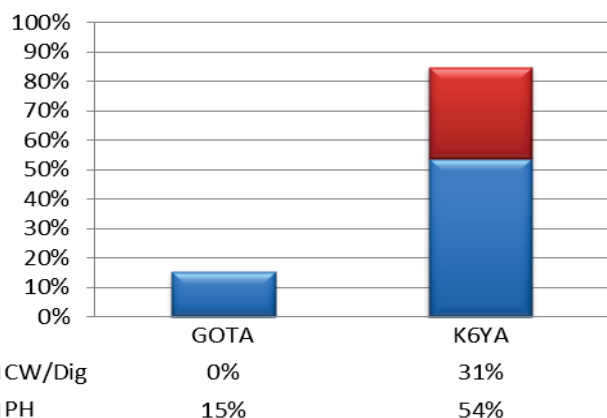


Simulation in early June, ensuring equipment functionality.

FARS FIELD DAY METRICS

The exchange “**K6YA 3A Santa Clara Valley**” filled the airwaves via multiple modes, and all through the day and night operators and visitors had a great time. Our 3 HF transceivers were joined by a VHF/satellite station as well as a Get-On-The-Air (GOTA) station for round-the-clock action during this 24-hour event. We covered 70cm, 2m, 6m, 10m 15m, 20m, 40m, 80m and even 160m. Operating from a temporary location powered from generators, solar power and batteries (with no tie to the power grid) qualified us for the ‘A’ category. Thank you to the 60+ people who turned out and enjoyed wonderful weather, friendly hams and guests, and exciting radio fun.

QSO's by Mode



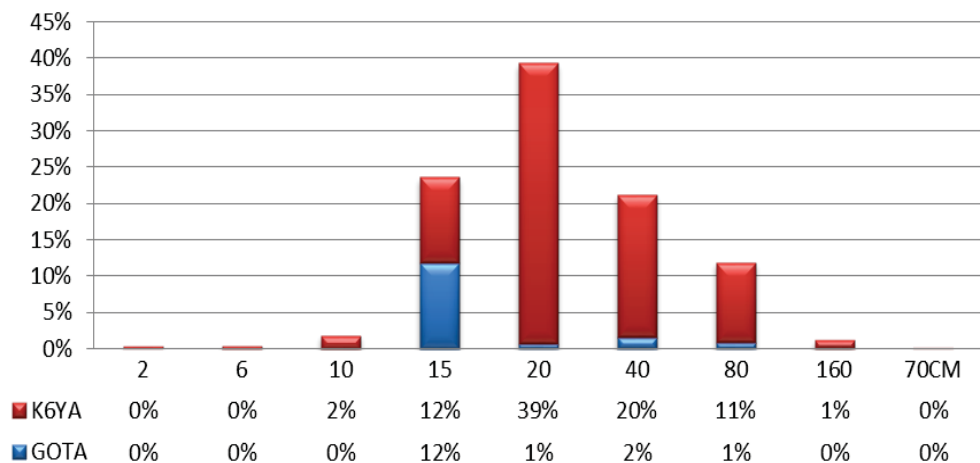
K6YA QSO Rates

(not including GOTA)

Best QSO Rates:

- For 10 minute period
168 QSOs/hour at 6/29/14 07:20 UTC
- For 30 minute period
128 QSOs/hour at 6/29/14 07:26 UTC
- For 60 minute period
113 QSOs/hour at 6/29/14 07:45 UTC

QSO's by Band



QSO Totals

- **K6YA:**
916 QSOs Total
336 were CW/Dig
580 were Phone
760 were distinct calls
- **GOTA:**
166 QSOs Total
166 were Phone
14 GOTA Operators
4 were Youth Ops!



Left to Right:
Susanne WA6CUX cranks out the CW.
Rohan KJ6LXV and his father Vivek operate together!
Robert KE6TFU is a welcome member of the 2014 team.

FIELD DAY PHOTOS

Don't yet have your amateur radio license? Or have your license but don't have much experience operating on HF? Well then hopefully you discovered a GOTA station this Field Day. At FARS the Get-On-The-Air (GOTA) station proved quite popular, with 14 operators each taking their turn at making contacts.



"CQ Field Day"



The GOTA station is important for providing HF radio and contesting experiences to newly licensed hams, hams with little or no HF experience, as well as non-hams. The GOTA station is the only radio at Field Day to operate under a separate call sign. For GOTA the exchange was "N6DQ 3A SCV" instead of "K6YA 3A SCV".



"3 Alpha"



The GOTA station consisted of an Icom IC-756 Pro II and a K4KIO Hex Beam (antenna shared w/ the CW/Dig station).



"Santa Clara Valley"



Thank you to our team of GOTA coaches: Dave W6VYC, Joanna K6YL, Mike NE6RD, Mikel KN6QI, and also Dave W6DLF who fell ill the weekend of Field Day but certainly helped with prepping and testing the station prior to the event.

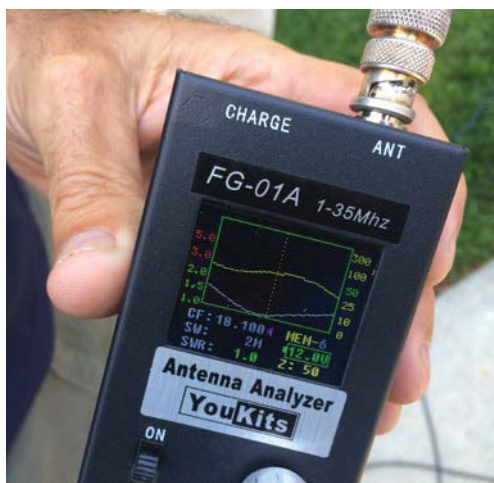
RADIO IN THE PARK

Fun in the sun!

On Sunday, July 13th we hosted the 5th Radio in the Park with success. This is a FARS-sponsored operating event at Agnews Historic Park in Santa Clara, where we play with radios and antennas and enjoy good company. Two more are scheduled! All hams and even non-hams are welcome to join us. Bringing your own equipment is not required.

Future Dates for Radio in the Park: August 3rd

Time: 9:30am to 12:30pm



YouKits' FG-01A Antenna Analyzer, was a big hit. Small size, user friendly, and covers 1-35 MHz.



Using the antenna analyzer to view changes in SWR when someone walks near the antenna and then near the radials. (impacts impedance)



Using a bolt, nut and washers to weight a ball for getting a wire up high



Nick N6NSA has "Radio in the Park" down to an art.

RADIO IN THE PARK Continued

Thank you to everyone who joined us for this great event! Each month we learn something new, don't we!



Tom Schiller
Bravo-7K
Antenna

Forgot the tripod?
No problem!

Rick N6DQ (above left and above right) testing out his MacGyver skills on his Jeep-mounted antenna.



Paul KK6HWN (left), Barry W9FFL (right) and others take turns contacting Special Event Station **EF6** on 17 meters. The station was celebrating the proclamation of D. Felipe Borbon as New King of Spain, Felipe VI.

Another Special Event Station we came across was commemorating the 11th season of the Great River Shakespeare Festival in Minnesota.

“To be, or N2B: that is the question”
(N2B was the creative special event call sign, hi hi!)

ARRL CENTENNIAL CONVENTION 2014

Hartford, CT



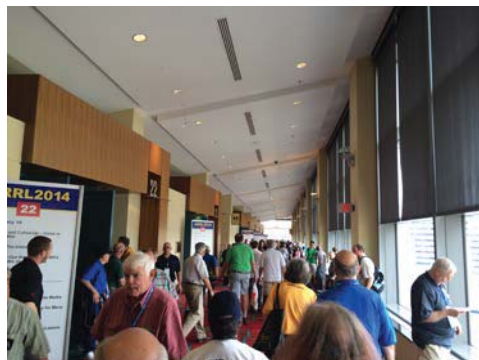
In 2014 ARRL is celebrating 100 years of “Advancing the Art and Science of Radio.” Founded in 1914, ARRL is the national association for Amateur Radio in the USA. Today, with more than 160,000 members, ARRL is the largest organization of radio amateurs in the world. During the weekend of July 17-19, 2014 the ARRL hosted a 3-day celebration and convention in Hartford, Connecticut with forums, exhibits, flea market, special event station, banquet, keynotes, and more!



The QSL card wall kept growing!



Large convention hall filled w/ vendors.



Numerous forums to choose from!



A short bus ride to the [ARRL Headquarters](#) provided access to areas such as QSL card sorting (left) and the test lab (middle). You could even sign up for a band slot to operate [W100AW](#) (right, K6YL) using special call sign W100AW.



Not far from the convention center and ARRL headquarters is the [Vintage Radio and Communications Museum of Connecticut](#), where we learned how communications technology has changed our lives. Nice collection!

WRTC 2014

World Radiosport Team Championship

Boston, MA

The World Radiosport Team Championship (WRTC) is a competition between two-person teams of amateur radio operators testing their skills to make contacts with other Amateur Radio operators around the world over a 24 hour period. All teams use identical antennas from the same geographic region, eliminating all variables except operating ability.

WRTC 2014 took place the weekend of July 18-19th, and included 59 competing teams from 38 different countries in 29 qualifying regions around the world. This was the largest and most competitive WRTC ever!



The results are official! The WRTC 2014 medal winners are:



GOLD

← Daniel Craig, N6MJ – United States
Chris Hurlbut, KL9A – United States

SILVER

Rastislav Hrnko, OM3BH – Slovakia
Jozef Lang, OM3GI – Slovakia

BRONZE

Manfred Wolf, DJ5MV – Germany
Stefan von Baltz, DL1IAO – Germany



In addition to Gold, Silver and Bronze there were awards for:

Highest % SSB Contacts
Highest % CW Contacts
Highest Multiplier
Best Accuracy

So each team was set up with identical antennas, but what about the radios?

Based on the information I have obtained so far I understand the most common radios chosen by the competitors were Elecraft K3's (69%), however the winners used a pair of Icom IC-7800's.

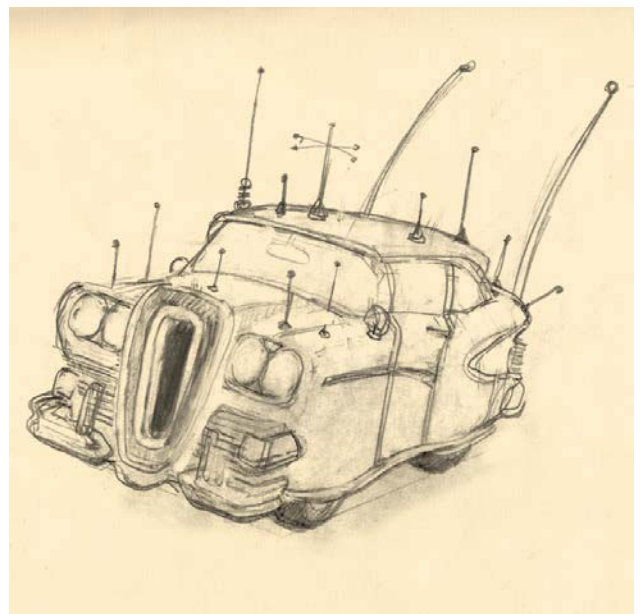
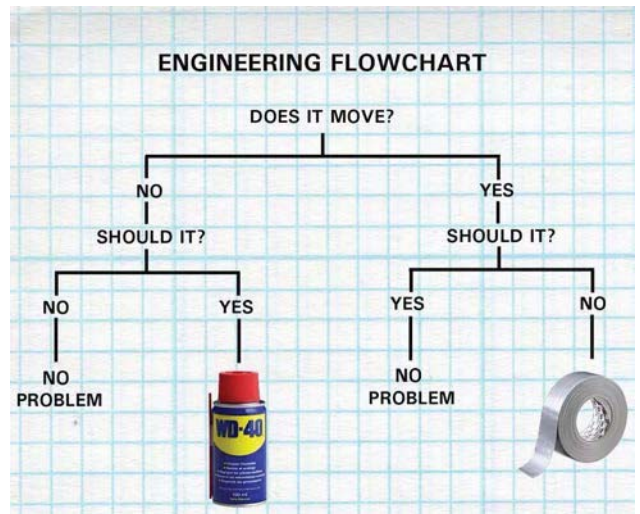
For more information visit www.wrtc2014.org.

Previous WRTCs have been held in:

Seattle (1990), **San Francisco** (1996), Slovenia (2000), Finland (2002), Brazil (2006), and Russia (2010).

PHOTO TIME

Thank you to FARS members for some of these!



ELECTRONICS FLEA MARKET 2014

Sponsored by ASVARO

The Association of Silicon Valley Amateur Radio Organizations

www.electronicfleamarket.com

When: The Electronics Flea Market is held on the second Saturday (pre-dawn) of each month, March through September, 5AM to 12 noon.

Where: The market is located in the parking lot of De Anza College in Cupertino, near highway 85 and Steven Creek Blvd. (~ ¾ mi. south of I-280 on highway 85). GPS N37.3215 W122.0435

Note: Buyers enter free. Parking at the college is \$3 (in one dollar bills or quarters).



DIRECTIONS

From the Peninsula:

Take Highway 101 or 280 to Route 85 south. Exit east on Stevens Creek Boulevard.

From the East Bay:

Take Highway 880 south to route 237. Take Route 237 west to Route 85. Exit east on Stevens Creek Boulevard.

From Gilroy/Morgan Hill:

Take 101 north to Route 85 north. Exit east on Stevens Creek Boulevard.

Enter the Campus from Stelling Road:

From Steven Creek Blvd. turn south onto Stelling Road and enter on the right. Park in the open parking in lots B and C, obtain a day-use parking permit (\$3).

Support your local non-profit electronics organization!

SCHEDULE 2014

| | |
|-------------------|--|
| Saturday, Mar. 8 | Hosted by Silicon Valley Emergency Communications System (SVECS) |
| Saturday, Apr. 12 | Hosted by West Valley Amateur Radio Association (WVARA) |
| Saturday, May 10 | Hosted by Palo Alto Amateur Radio Association (PAARA) |
| Saturday, June 14 | Hosted by South Peninsula Amateur Radio Klub (SPARK) |
| Saturday, July 12 | Hosted by Santa Clara County Amateur Radio Association (SCCARA) |
| Saturday, Aug. 9 | Hosted by Southern Peninsula Emergency Communications System (SPECS) *NEXT ONE* |
| Saturday, Sep. 13 | Hosted by Foothills Amateur Radio Society *Valuable Fundraiser for FARS* |
| Saturday, Oct. 11 | Canceled due to conflict with Pacificon |

See you on August 9th !!

FARS Member Badges

Place your order online or at the meeting.
Available for pick up at the next club mtg

BAEARS Ham Cram

Next Quarterly Session: Saturday, Sept 20th
8 AM
Redwood City, CA
www.baears.com

FARS Email Notices

Easy to subscribe!
www.k6ya.org/mail
Receive reminders of activities and other news.

Weekly FARS Net

Thursdays @ 8 PM
N6NFI Repeater 145.230(-), 100 Hz PL

Bay Area Radio Builders Club “BARC”

A FARS Special Interest Group

*We are a group of mostly
Amateur Radio operators who want to gain
a better understanding of the topics covered
in the General and Extra class tests.
We want to learn electronics, antenna theory,
kit building, and kit design.*

Next Meeting: 3PM on Aug 10th (2nd Sundays)

Location: Panera Bread in Cupertino
(20807 Stevens Creek Blvd)

Join the Yahoo Group:

http://groups.yahoo.com/group/ba_radio_builders/

More Info:

www.barbc.org

Rookie Roundup RTTY

August 17th, 2014
1800 UTC through 2359 UTC
(11 PM PT through 5 PM PT)

Rookie Roundup is a contest aimed at Amateurs licensed for three years or less. This six-hour event is held three times per year (April, August and December).

Rookies can contact anybody, while “Old Timers” make contact with only Rookies. Mentoring is a big part of this event so consider opening your station up to a rookie (or two) and become an elmer!

The Exchange:
Call sign of station worked,
your call sign,
your first name,
two-digit # of the year first licensed (“check”) and state
(or Canadian province, Mexican call area, “DX”)

For example:
N0AX de KB1QAW Carol 08 CT

Rookies for this event must have a check from 2014, 2013, or 2012.

See you on the air!



HAM RADIO NETS – Getting On The Air

FARS Weekly Net **Thursdays @ 8 PM**

N6NFI repeater, 145.23-/100Hz
This net is open to all interested hams.

The purpose of the net is to keep club members informed about club activities; to exchange other club-related info; and to socialize.

9AM Talk Net **Weekdays @ 9 AM**

N6NFI repeater, 145.23-/100Hz
This net is open to all interested hams.

This is an informal net that is very popular.
Check out www.9amtalk.net for more information.

READY TO UPGRADE YOUR LICENSE?

What is a Passing Score you might ask?
Technician & General exams – 26 out of 35 (74.2%)
Amateur Extra exam – 37/50 (74%)

BAEARS (Bay Area Educational Radio Society) Crams & Exams, www.baears.com –

This group holds “Ham Crams” 4 times a year for Tech and General licenses (Amateur Extra test available but no cram). A guided study consisting of six 45-minute reading periods, with breaks and lunch. They have a high success rate!

Pre-registration required, sign up on the website. \$30

- Saturday 9/20, 8 AM @ Redwood City (exam starts at 4 PM)

Sunnyvale VEC Exams, www.amateur-radio.org –

Holds test sessions on Saturdays often alternating between Sunnyvale and Redwood City.

Walk-ins only, no pre-registrations. \$15

- Saturday 8/9, 10:30 AM @ Sunnyvale
- Saturday 8/16, 10:30 AM @ Redwood City
- Saturday 9/13, 10:30 AM @ Sunnyvale



Silicon Valley ARRL VE Exams, www.svve.org –

Holds test sessions on the 1st and 3rd Saturdays of each month. Arrive between 8 AM and 10:00 AM to the Saratoga Fire Station at 14380 Saratoga Avenue (in downtown Saratoga).

Walk-ins only, no pre-registrations. \$15

- Saturday 8/2
- Saturday 8/16
- Saturday 9/6

Tri-City VE Group Exams, http://www.sbara.org/tricity_ve.html –

Holds test sessions at Hurricane Electric in Fremont each month, alternating between Saturday morning and Tuesday evening. The address is 48233 Warm Springs Blvd.

Walk-ins welcome. \$15

- Tuesday 8/12, 6:30 PM
- Saturday 9/13, 9 AM
- Tuesday 10/14, 6:30 PM

CURRENT US AMATEUR RADIO BAND PLAN: www.arrl.org/band-plan ([click here for printable PDF](#))
Effective March 5, 2012

CLUB INFORMATION

www.fars.k6ya.org

| | |
|--------------------------|--|
| President: | Mikel Lechner KN6QI |
| Vice President: | Steve Stearns K6OIK |
| Treasurer: | Dick Baldwinson N6ATD |
| Secretary: | (open) |
| FARS Board: | Charlie Morrin KI6FX Y Phil Hawkins KA6MZE Bob Bynum WB2URF Doña Kerns KI6DAR |
| Radio Officer: | Phil Hawkins KA6MZE |
| Training Officer: | (open) |
| K6YA Trustee: | Phil Hawkins KA6MZE |
| Relay Newsletter Editor: | Joanna Dilley K6YL |

Contact the FARS Board of Directors at fars-board@svpal.org.

Membership: An annual FARS membership is \$20 and provides much needed support for your club activities, qualifies you for the CA\$H Wish-You-Were-Here prize drawn at each membership meeting, plus you'll receive a FARS Relay to your email each month! An optional club badge is \$9.

FARS is a California 501(c)(3) non-profit corporation, so donations and membership dues are tax deductible with the CA Franchise Tax Board and the Internal Revenue Service.

Meetings: FARS 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 November & December (for holidays). **Visitors are always welcome!** Directions on the website as well as in this newsletter.

Email Announcements: Members and non-members are encouraged to subscribe to the FARS Announcement list to receive reminders of FARS activities and other news. Browse www.fars.k6ya.org/mail, click on Subscribe/Unsubscribe and follow 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 require approval by the moderator.

Newsletter: The 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! Photos, operating news, articles, etc. can be submitted to the editor at any time. Contributions are subject to editing and/or compression.

Newsletter Editor:

Joanna Dilley K6YL

K6YL at arrl.net

PO Box 399, San Carlos, CA 94070

Also available at FARS meetings.

Photos © K6YL unless noted otherwise.



Mikel KN6QI



Steve K6OIK



Dick N6ATD



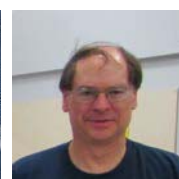
Phil KA6MZE



Joanna K6YL



Charlie KI6FX Y



Bob WB2URF



Doña KI6DAR

FARS New Membership / Renewal Form

The annual dues for 2014 is \$20. You may renew with this form or online by logging onto the FARS website and then using PayPal. <https://www.fars.k6ya.org/membership> Membership runs from January 1 to December 31. New membership applications accepted later in the year may have their dues prorated (see dues schedule).

Date: _____

Name: _____

Callsign: _____ Phone: _____

Class (eg Technician, General): _____ ARRL Member? _____

Email: _____

Mailing Address: _____

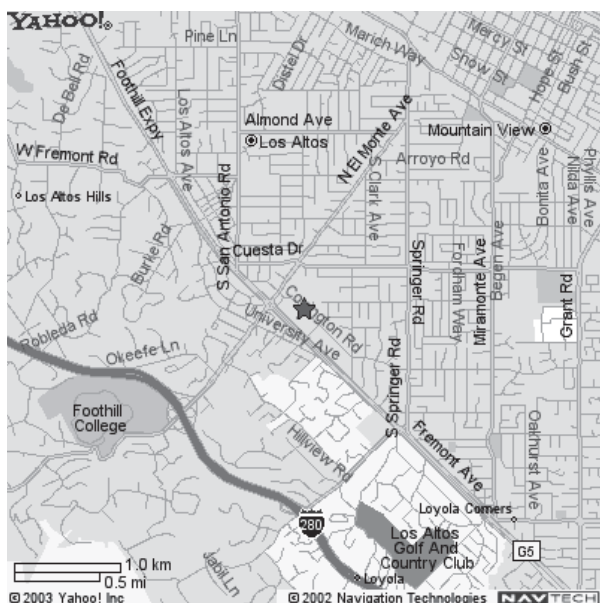
Special topics of interest / suggestions for club meeting speakers: _____

Optional FARS Badge -- Please include \$9 if desired.

First Name for Badge: _____ Select: Clip / Magnet / Pin

Send your check payable to FARS, to:

FARS, PO Box 112551, Campbell, CA 95011



DIRECTIONS TO FARS MEETINGS:

Visitors are always welcome.

Meetings are held at the Covington Elementary School 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.

From Interstate 280 – Take the El Monte exit Northeast. Cross Foothill Expressway. * At the first traffic light turn right on Covington. 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 – Turn Northeast onto El Monte, then follow directions as above at the *.

From US101 or El Camino – Take San Antonio Road west (to Foothill Expressway), then follow directions as above at the *.

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