

August Meeting

Date: Friday, August 27, 2004.

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

Place: Covington School, 205 Covington Road, Los Altos

Topic: TBA. See www.fars.k6ya.org/meeting.

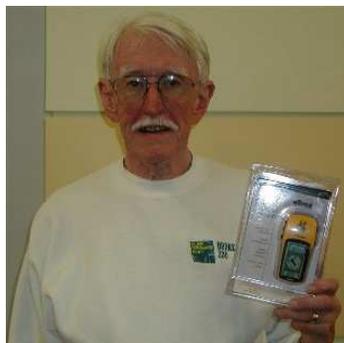
Be sure to bring your questions to submit to Dr. Know-It-All!

June Meeting Report

At the July meeting, John Ballard, founding partner of Radio Propagation Services, Inc., spoke on "Unexpected, Available, Unassigned and Needed Polar HF Spectrum." Mr. Ballard spoke of recent research into ionospheric radio propagation across polar paths and phenomenon that can potentially be used for radio communications.



John Ballard



Chuck Walter, N6CAW

Chuck Walter, N6CAW, carried away the Garmin GPS radio raffle prize at the June meeting. The "Wish you were here" number for Patricia Walberg, KG6HRJ, was chosen. Unfortunately, Patricia was not present.

Upcoming Events

Aug 27 7:00 PM Club meeting, Covington School
Sept 7 7:30 PM Board Meeting, Los Altos Town Crier
Sept 11 Flea Market, www.asvaro.com
Sept 24 7:00 PM Club meeting, Covington School
Oct 9 Flea Market, www.asvaro.com
Oct 15-17 Pacificon, www.pacificon.org
Thursdays 8:00 PM, FARS net, 145.230(-), 100 Hz PL
See more events, [FARS Calendar](http://www.fars.k6ya.org/events/calendar.shtml)
<<http://www.fars.k6ya.org/events/calendar.shtml>>

Presidents Column

Electronics Flea Market. Our Flea Market was a big success. Our Treasurer's report will provide more details on how we did financially. I want to thank all the volunteers who made it possible. We cannot do it without you.

I want to thank Howard Takaoka, KG6GRO for organizing the FARS Flea Market and for all his help throughout the year helping all the clubs with their Flea Markets. Howard's work has been tremendous. Ron Green, KG6RLG, and Robert Flemate, KE6TFU have also been regulars at the markets handling traffic. Paul Lufkin, KD6PLD and Tom Cascone, KF6LWZ who make sure the Red Cross equipment is available and help out at every market. There are many others who helped out that I regret that cannot mention them all here. Thank you all for your support.

The next flea market is scheduled for September 11 and is hosted by [Silicon Valley Emergency Communications System](http://www.asvaro.org) (SVECS). Visit the ASVARO web site <http://www.asvaro.org> for details and directions.

Anderson Powerpoles. Peter Griffith, WA6VAQ informs me that he will have connectors, tools and soldering irons at our August meeting available to help anyone who wants to install new connectors onto their equipment. These versatile connectors make your 12-volt equipment compatible with other power sources. This can be extremely useful during emergencies when you make need to mix and match different equipment to construct a working radio station. We are selling the connectors at \$1 a set.

Winter Banquet. Mark your calendars for Friday, January 21, 2005. That's the date we've reserved for the banquet at Michael's at Shoreline. Again FARS will partner with PAARA to make this an even bigger event. We will begin taking signups with the October edition of the FARS Relay.

- de Mikel, KN6QI

Secretary's Report

The FARS board was unable to officially convene a meeting on the evening of August 3, 2004 because a quorum of members was not present. Those who came were Mikel, KN6QI, Howard, KG6GRO, Phil, KA6MZE, Dick, N6ATD, Robert, KE6TFU, and Martin, KD6WJW. Despite the lack of a quorum, those who were present discussed a number of topics. These included Field Day, the upcoming flea market, programs for the club's monthly meeting, and a one day Field Day-like activity. It was also announced that PAARA again agreed to cosponsor the annual banquet.

- Martin, KD6WJW

FIELD DAY 2004

(From Martin, KD6WJW)

1. Field Day Call Used: K6YA
GOTA Station Call: _____ (if applicable)
2. Club or Group name (if class A): Foothills Amateur Radio Society
3. Number of Participants: 25
4. Number of Transmitters in simultaneous operation: 2
5. Entry Class (check only one)
 - A. Club or non-club group portable
 - B. 1 or 2 Person non-club portable - list call of operators: _____
 - C. Mobile
 - D. Home station commercial power
 - E. Home station emergency power
 - F. EOC Station
6. Check all power sources used
 - Generator
 - Commercial mains
 - Battery
 - Solar
 - Other (list) _____
7. ARRL / RAC Section: Santa Clara Valley
8. Total CW QSOs 190 x 2 = Total CW QSO Points 380
9. Total Digital QSOs 69 x 2 = Total Digital QSO Points 138
10. Total Phone QSOs 595 x 1 = Total Phone QSO Points 595
11. Total QSO Points 1113
12. Power Multiplier (select only one)
 - 5 Watts or less and Battery = 5
 - 150 Watts or less = 2
 - Over 150 Watts = 1
 (transfer to line 13)
13. Power Multiplier: 2
14. Claimed Score: 2226
(Line 11 x Line 13) (excluding bonus points)

15. Bonus Points claimed: Please check each block as appropriate and include required proof of points in your submission. All bonus points will be verified at ARRL HQ and added to your score.

- 100% Emergency Power
- Media Publicity
- Set-up in Public Place
- Information Booth
- NTS Message to ARRL SM/SEC
- WIAW Field Day Message
- Formal Messages Handled (# = 10)
- Satellite QSO Completed
- Natural Power QSOs completed
- Site visit by invited elected official
- Site visit by invited service agency official
- GOTA station maximum QSOs achieved
- Non-traditional Demonstrations (list each):
 - A. Packet
 - B. SSTV
 - C. APRS

Total Bonus Points Claimed: 1400

16. "I/We have observed all competition rules as well as all regulations for amateur radio in my/our country. My/Our report is correct and true to the best of my/our knowledge. I/We agree to be bound by the decisions of the ARRL Awards Committee."

Date: July 24, 2004

Call: KD6WJW

Signature: (Martin H. Liberman)

Field Day Call Used: K6YA

Band	CW		Digital		Phone	
	QSOs	Power	QSOs	Power	QSOs	Power
160 M	x	x	x	x	x	x
80 M	x	x	x	<150	49	<150
40 M	80	<150	2	"	292	"
20 M	65	"	51	"	86	"
15 M	45	"	16	x	44	"
10 M	x	"	x	x	x	"
6 M	x	x	x	x	54	"
2 M	x	x	x	x	63	"
1.25 M	x	x	x	x	x	x
0.70 M	x	x	x	x	6	<150
Solar (2 M)	x	x	x	x	x	x
Satellite	x	x	x	x	1	<150
GOTA	x	x	x	x	x	x

Totals (A) CW: 190, [Line 8 of summary]

(B) Digital: 69 [Line 9 of summary]

(C) Phone: 595 [Line 10 of summary]

FOOTHILLS AMATEUR RADIO SOCIETY

Field Day 2004 Bonus Points

1. 100% Emergency power. All stations obtained electricity from gasoline-powered generators.
2. Media publicity. An announcement of our activity was broadcast on a local cable channel. See attached email from the submitter, Phil Hawkins, KA6MZE. In addition, notice of our activity was submitted the Los Altos Town Crier. See attached. However we do not know if it was published.
3. Location in a public place. Our equipment was located in a field at 23000 Cristo Rey Drive, Los Altos, California. It was approximately 150 yards from the street and open to the public.
4. Information booth. A sign-in log was provided for visitors (copy attached). Handouts were also available for those visitors interested in learning more about amateur radio (example attached). There was also a large banner with the club's name.
5. Message origination to Section Manager, Glen Thomas, WB6W. It was sent by Omri Serlin, AA6TA, on June 26, 2004 at 1800 UTC via WA6ZTY packet. Copy attached to item 6.
6. Message handling. Ten (10) messages were originated. See attached copies of radiograms.
7. One (1) satellite QSO. See data sheet.
8. W1AW Field Day message. It was copied on CW by Walt Read, W6ASH. A copy is attached.
9. Site visit by a governmental official. The site was visited by Karen Hardy, a member of the Santa Clara, California, Planning Commission.
10. Site visit by a service agency official. The site was visited by Larry Carr, KE6AGJ, Chief Radio Officer, Radio Amateur Civil Emergency Service, Santa Clara County Office of Emergency Services.
11. The following non-traditional modes were demonstrated:
 - a. APRS
 - b. Packet
 - c. SSTV

CLUB INFORMATION

President: Mikel Lechner, KN6QI
Vice President: Steve Stearns, K6OIK
Treasurer: Frank Weiss, K6FCW
Secretary: Martin Liberman, KD6WJW
Radio Officer: Phil Hawkins, KA6MZE
Training Officer: Mike Zensius, KG6GUE
Relay Editor: Mark Hardy, KG6GRR

FARS Board: Dick Baldwinson N6ATD, Herb Davidson KF6BKL, David Cooper KE6PFF, Howard Takaoka KG6GRO, Robert Flemate, KE6TFU.

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 also submit an announcement 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 \$6. Visitors are always welcome! Directions in this newsletter. Talk-in: N6NFI (145.23-, 100 Hz) or W6ASH repeater (145.27-, 100 Hz).

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! Contributions subject to editing and/or compression. ASCII files via Internet or diskettes preferred; but all readable forms welcome.

Here is how to reach the editor:
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Mail: 2998 Jerald Avenue
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Fax: 408-243-0701
Email: kg6grr@arrl.net, At FARS meetings.

