

# SCCARA-GRAM



## Santa Clara County Amateur Radio Association

Volume 30, Number 7

July 2014



### Howard N6HM, SK

Message from the EC of Sunnyvale:

*I am very sad to report Howard Krawetz, N6HM, has passed away.*

*Howard was a long time SARES member and well known in the Santa Clara Valley ham community. During his SARES service he generously supported SARES in many ways including service as an AEC and member of SARES-RG (Repeater Group). N6HM was a very familiar call during the weekly SARES net check-in and Howard was a regular SARES lunch attendee. He was also a faithful participant in every SARES drill. For me as the EC, Howard was a valuable source of information and guidance on many issues related to SARES and SARES-RG. He will be missed.*

*Our thoughts and prayers go to his family.*

*73 Howard!*

*Jerry KG6HI EC SARES*

*Memorial services were held on Wednesday, 2 July, 2014*

Howard Krawetz was a long time member of SCCARA. Indeed Howard has left an indelible mark on the amateur community and will be missed by us all.

Lou WA6QYS

## Flea Market

### SCCARA hosts the July 12 De Anza electronics flea market

Don't miss the opportunity to help with the club finances. No, I'm not soliciting monetary donations but your help with the SCCARA food booth at the De Anza Electronics Flea Market on July 12<sup>th</sup>. Member participation is essential for the vitality of any organization.

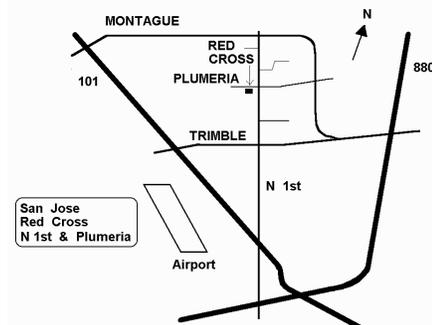
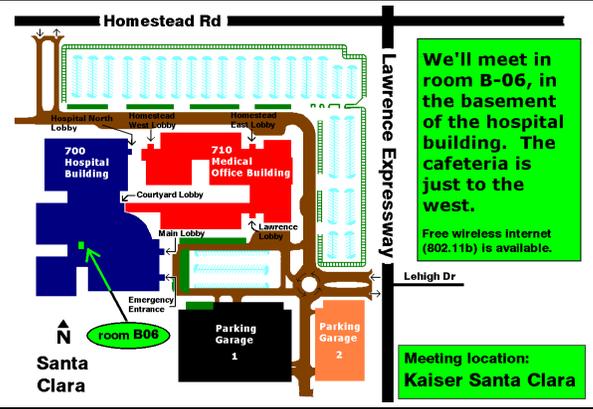
A couple of weeks ago we had a successful Field Day event thanks to many members efforts. Let's make the Flea Market also a resounding success by volunteering for a few hours Saturday

## Calendar

- 7/12 DeAnza electronic flea market- We Host!
- 7/14 SCCARA General Meeting
- 7/21 SCCARA Board Meeting--(San Jose Red Cross, 7:30p, all are welcome)

## General Meeting

- Day: Monday, July 14, 2014
- Time: 7:30 PM
- Place: Kaiser Santa Clara, Rm B-06
- Featuring: Matthew Kaufman KB6ECE on wide coverage repeater systems, the WB6ECE voting UHF repeater system



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**The deadline for articles is the last Monday of the month.**

SCCARA was formed in 1921 and became a non-profit corporation in 1947. SCCARA is an affiliate of the American Radio Relay League (ARRL). The club station is W6UW.

**Web page:** <http://www.qsl.net/sccara>. (Webmaster: Wally Britten, KA6YMD, 408-293-3847, [ka6ymd@arrl.net](mailto:ka6ymd@arrl.net))

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(all officers are also directors)

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**SCCARA REPEATERS**

SCCARA owns and operates two repeaters under the call W6UU:  
2 meter: 146.985 - PL 114.8  
70 cm: 442.425 + PL 107.2

Phone auto-dial and auto-patch is available. The two meter repeater is located at Eagle Rock near Alum Rock Park in the foothills of east San Jose. The 70 cm repeater is located at the Regional Medical Center (formerly Alexian), east of downtown San Jose, north of 280 and 101.

**SCCARA NETS**

On our two meter repeater: Mondays at 7:30 PM, (not the second Monday--our meeting night). Coordinator: Don Village, K6PBQ. On ten meters, 28.385 MHz USB, Thursdays at 8:00 PM. Net control: Wally Britten, KA6YMD. Visitors welcome.

**N0ARY PACKET BBS**

SCCARA hosts the packet BBS N0ARY (connect to n0ary-1). User ports: 145.09 MHz at 1200 baud, 433.37 MHz at 9600 baud, and telnet [sun.n0ary.org](http://sun.n0ary.org) (login "bbs"). Sysop: Gary Mitchell, WB6YRU. For general packet info, see the NCPA web site [ncpa.n0ary.org](http://ncpa.n0ary.org).

**TELEPHONE NUMBERS**

SCCARA contact	Clark KE6KXO:	408-262-9334
Amateur license testing,	ARRL/VEC Silicon Valley VE group,	
Morris Jones, AD6ZH:		408-507-4698

morning. Give me a call at 408-241-7999 and let me know your shift preference. Shifts: 0500-0700, 0700-0900, 0900-1100 and 1100-1300.

Thanks,  
Lou WA6QYS

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## Secretary Says

As noted elsewhere, the club membership dues structure will be tied to how you want the newsletter delivered, so you may want to switch to electronic form. To do this in advance of filing next year's membership form (and EVERYONE please file a form for tracking renewals, even if no information changes), please put your call on the form found on the newsletter's last page, and check the internet box. Many thanks!

Viki Moldenhauer, KI6WDS, Secretary

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## For Sale

SCCARA is selling our Yaesu FT757GX2 with keyer and CW filter. It comes with matching P/S and tuner. The rig and p/s work perfect, but the tuner needs a little TLC. \$300.

Contact Don Village K6PBQ 408-263-2789

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## ARRL News

From *The ARRL Letter*, June 12, 2014

### FCC Makes Changes to Amateur Radio Exam Credit, Test Administration, Emission Type Rules

In a wide-ranging Report and Order (R&O) released June 9 that takes various proceedings into consideration, the FCC has revised the Amateur Service Part 97 rules to grant credit for written examination elements 3 (General) and 4 (Amateur Extra) to holders of "expired licenses that required passage of those elements." The FCC will require former licensees -- those falling outside the 2-year grace period -- to pass Element 2 (Technician) in order to be relicensed, however. The Commission declined to give examination credit to the holder of an expired Certificate of Successful Completion of Examination (CSCE) or to extend its validity to the holder's lifetime.

"Our decision to grant credit for written examination Elements 3 and 4 for expired licenses that required passage [of those elements] will provide some relief for former General, Advanced, and Amateur Extra class licensees," the FCC said, "and is consistent with how we treat expired pre-1987 Technician class licensees who want to reenter the Amateur Service." Pre-1987 Techs can get Element 3 credit, since the Technician and General class written examinations in that era were identical. The Commission said current rules and procedures that apply to expired pre-1987 Technician licenses "are sufficient to verify that an individual is a former licensee under our new rules."

The Commission said that requiring applicants holding expired licenses to pass Element 2 in order to relicense "will address commenters' concerns about lost proficiency and knowledge, because a former licensee will have to demonstrate that he or she has retained knowledge of technical and regulatory matters." The

FCC said the Element 2 requirement also would deter any attempts by someone with the same name as a former licensee to obtain a ham ticket without examination. In the past, the FCC has maintained that its procedures “provide ample notification and opportunity for license renewal” and that retesting did not impose an unreasonable burden.

#### Examination Administration

The FCC pulled back from its own proposal to reduce from three to two the minimum number of volunteer examiners required to proctor an Amateur Radio examination session. The ARRL, the W5YI-VEC and “a clear majority of commenters” opposed the change, the FCC said. The FCC said it found commenters' arguments persuasive that the use of three VEs “results in higher accuracy and lower fraud that would be the case with two VEs.” In a related matter, though, the Commission embraced the use of remote testing methods.

“Allowing VEs and VECs the option of administering examinations at locations remote from the VEs is warranted,” the FCC said. The National Conference of Volunteer Examiner Coordinators (NCVEC) in 2002 endorsed experimental use of videoconferencing technology to conduct Amateur Radio testing in remote areas of Alaska. The Anchorage VEC has long pushed for the change, citing the expense to provide Amateur Radio test sessions to Alaska residents living in remote areas.

The FCC declined to address “the mechanics” of remote testing, which, it said, “will vary from location to location and session to session.” The Commission said specific rules spelling out how to administer exam sessions remotely “could limit the flexibility of VEs and VECs.” The FCC stressed the obligation on the part of VECs and VEs “to administer examinations responsibly” applies “in full” to remote testing.

The FCC amended the rules to provide that VEs administering examinations remotely be required to grade such examinations “at the earliest practical opportunity,” rather than “immediately,” as the rule for conventional exam sessions requires.

#### New Emissions Permitted

Finally, the FCC has adopted an ARRL proposal to authorize certain Time Division Multiple Access (TDMA) emissions in the Amateur Service. The Wireless Telecommunications Bureau in 2013 granted an ARRL request for a temporary blanket waiver to permit radio amateurs to transmit emissions with designators FXD, FXE, and F7E, pending resolution of the rulemaking petition.

The FCC said it also would make “certain minor, non-substantive amendments” and corrections to the Amateur Service rules. The new rules become effective 30 days after their publication in The Federal Register. Read more at [www.arrl.org/news/fcc-okays-changes-to-amateur-radio-exam-credit-test-administration-emission-type-rules](http://www.arrl.org/news/fcc-okays-changes-to-amateur-radio-exam-credit-test-administration-emission-type-rules).

### Radio Amateur's Sub-9 kHz VLF Signal Detected Across the Atlantic

How low can you go? A signal on 8.971 kHz has spanned the Atlantic, from North Carolina to the UK. Running on the order of 150  $\mu$ W effective radiated power, very low frequency (VLF) experimenter Dex McIntyre, W4DEX, transmitted signals on June 2 and 3 that were detected by Paul Nicholson, an SWL in the UK. Earlier this year, Nicholson detected McIntyre's WH2XBA/4 Experimental Service VLF signal on 29.501 kHz. McIntyre needed no FCC license to transmit on 8.971 kHz, since the Commission has not designated any allocations below 9 kHz --

dubbed “the Dreamers' Band.”

“I'll probably make more transmissions on 8.9 kHz when there is no chance of thunderstorms,” McIntyre told ARRL this week. “Then, maybe sliding down in frequency to see how low I can go for Paul to detect the signal.” Right now, McIntyre said his priority is to complete a transverter for the other end of the spectrum -- 5.7 GHz. He's also working on a second 24 GHz system as a loaner, “so I'll have someone to work,” he noted. “Sure is lonely here above UHF.”

Nicholson used sophisticated digital signal processing (DSP) software to detect McIntyre's transmission. The distance was approximately 6194 km (approximately 3840 mi). Nicholson was able to detect the VLF signal during both daylight and nighttime paths.

On June 1 and into June 2, McIntyre transmitted a steady, GPS-locked carrier at 8.971.000 kHz. Between 0000 and 0600 UTC, Nicholson measured a carrier at that frequency in Todmorden, UK, with a field strength on the order of 15 nV/m. He combined the electrical and magnetic field receiver outputs to produce a unidirectional antenna response.



McIntyre's antenna is a top-loaded vertical wire hanging from an insulator 29 meters above ground. The base loading coil consists of nearly 1 mile of #22 enamel magnet wire, wound on a plastic barrel. [Dex McIntyre, W4DEX, photo]

“This brought the signal up to a significant level,” Nicholson reported. McIntyre's carrier also was visible during a daylight path in a 23  $\mu$ Hz bandwidth, he added.

Is a two-way sub-9 kHz contact in the offing? “A two-way, transatlantic contact would be a hundred times more amazing than just a simple signal detection,” McIntyre told ARRL. “I seriously doubt I will ever have that receive capability. But not long ago I seriously doubted I would be the first to receive a transatlantic or New Zealand 137 kHz transmission. Going down in frequency has been as much fun as going higher. It's all RF.” Read more at [www.arrl.org/news/radio-amateur-s-sub-9-khz-vlf-signal-detected-across-the-atlantic](http://www.arrl.org/news/radio-amateur-s-sub-9-khz-vlf-signal-detected-across-the-atlantic).

### FCC Decides Not to Adopt New Rules Affecting 902-928 MHz Band

The FCC has terminated a longstanding proceeding involving the 902-928 MHz (33 centimeter) band. In 2006, the FCC, in WT

Docket 06-49, proposed rule changes to encourage development of the Multilateration Location Monitoring Service (M-LMS) -- a terrestrial service for location of objects and tracking. Amateur Radio is secondary in the band to federal radiolocation systems, industrial, scientific and medical devices, federal fixed and mobile systems, and the M-LMS. This week, the FCC, with little fanfare, concluded that proceeding.

“Based on the record before us, and on recent developments pertaining to M-LMS operations in the 902-928 MHz band, we conclude that the various proposals for wholesale revisions of the applicable rules do not merit further consideration at this time,” the FCC said.

Commenting on the 2006 proposal, the ARRL expressed concern about increasing noise levels in the band. “This ‘kitchen sink’ of allocations is acceptable from ARRL’s perspective, provided that the noise floor is regulated, in terms of aggregate noise levels from unlicensed devices,” the League said. “The high power levels permitted in this band in particular bear careful watching, lest the allocated radio services, including federal systems, suffer decreased utility of the band.”

After the FCC last June gave consent to Progeny LMS to begin commercial operation of its M-LMS in the upper portion of the 902-928 MHz band, the ARRL worried that a portion of the band could become less useful to radio amateurs in urban areas. Progeny’s location service is designed to operate on approximately 4 megahertz -- about one-half of the M-LMS portions of the band between 919.750 and 927.750 MHz -- where Progeny holds licenses.

While M-LMS operations, at least on paper, have a higher priority than unlicensed Part 15 devices on the band, Progeny had to demonstrate through field testing that its network would not cause “unacceptable levels of interference” to such Part 15 devices as cordless telephones and baby monitors. This was a result of an FCC policy to promote “co-existence” in the band, while not elevating Part 15 devices to co-equal status with M-LMS systems.

The latest FCC action will not affect Progeny’s M-LMS deployment. In terminating the 2006 proceeding, the Commission said it had concluded that Progeny could commence commercial M-LMS operations “within the framework that the Commission initially had established to promote the co-existence of M-LMS operations and unlicensed operations in the band.” Read more at [www.arrl.org/news/fcc-decides-not-to-adopt-new-rules-affecting-902-928-mhz-band](http://www.arrl.org/news/fcc-decides-not-to-adopt-new-rules-affecting-902-928-mhz-band).

### **SPROUT Satellite Digitaltalker and SSTV Active**

Slow Scan TV (SSTV) images in Scottie 1 format have been successfully received from the SPROUT (Space Research On Unique Technology) Amateur Radio satellite on 437.600 MHz FM ( $\pm 9$  kHz Doppler shift). The Digitaltalker has also been active.

SPROUT, a  $20 \times 20 \times 22$  cm Amateur Radio nanosatellite, which launched successfully on May 24. SPROUT (call sign JQ1ZJQ) is now in a 654 km,  $97.9^\circ$  inclination Sun-synchronous orbit. SPROUT was built by students at Nihon University in Japan.

The Voice Message Box will record and play back transmissions from radio amateurs. Pre-loaded images from the Message Gallery can be transmitted on Slow Scan TV (SSTV). Pictures of Earth can be transmitted by SSTV, and radio amateurs can receive them using free software such as MMSSTV ([hamsoft.ca/pages/mmsstv.php](http://hamsoft.ca/pages/mmsstv.php)).

As part of the Earth-mapping project the team asks radio amateurs

to contribute pictures they have received from the satellite for display on the SPROUT website. The satellite also has a packet radio digipeater and text message box function.

The CW and FM packet downlink is 437.525 MHz; digipeater uplink is 437.600 MHz; digitaltalker and SSTV downlink is 437.600 MHz. -- AMSAT-UK

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From *The ARRL Letter*, June 19, 2014

### **Swiss 60 Meter Beacon Now on the Air**

Although radio amateurs in Switzerland do not yet have access to the 60 meter band, the Sursee Amateur Radio Club has received authorization to operate an experimental beacon in grid square JN47be under the call sign HB9AW. The 5291 kHz beacon, which went live on June 1, is primarily to study 60 meter propagation within Switzerland.

The new beacon will transmit HB9AW in CW at 10 W, followed by five dashes, with the power lowered with each dash. The first dash will be at 10 W, the second at 5 W, the third at 1 W, the fourth at 100 mW, and the fifth at 10 mW (all power levels in ERP). The beacon will transmit every 5 minutes, starting at the top of the hour.

The antenna is a half-wave NVIS-type dipole with its feed point  $0.12 \lambda$  above ground and its ends slightly lower. A reflector is set beneath the dipole. “We deliberately chose this high-angle radiating antenna to study propagation conditions in Switzerland,” the club said on its website, adding, “Conditions for DX contacts are for now only of secondary interest.”

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From *The ARRL Letter*, June 26, 2014

### **House Bill Would Require FCC to Extend PRB-1 Coverage to Restrictive Covenants**

A bill with bipartisan support has been introduced in the US House of Representatives that calls on the FCC to apply the “reasonable accommodation” three-part test of the PRB-1 federal pre-emption policy to private land-use restrictions. HR.4969, the “Amateur Radio Parity Act of 2014” was introduced on June 25 at the request of the ARRL, which worked with House staffers to draft the proposed legislation. The bill’s sponsor is Rep Adam Kinzinger (R-IL). It has initial co-sponsorship from Rep Joe Courtney (D-CT). If the measure passes the 113th Congress, it would require the FCC, within 120 days of the Bill’s passage, to amend the Part 97 Amateur Service rules to apply PRB-1 coverage to include homeowners’ association regulations and deed restrictions, often referred to as “covenants, conditions, and restrictions” (CC&Rs). Presently, PRB-1 only applies to state and local zoning laws and ordinances.

“There is a strong federal interest in the effective performance of Amateur Radio stations established at the residences of licensees,” the bill states. “Such stations have been shown to be frequently and increasingly precluded by unreasonable private land-use restrictions, including restrictive covenants.”

The 11-page PRB-1 FCC Memorandum Opinion and Order is codified at §97.15(b) in the FCC Amateur Service rules, giving the regulation the same effect as a federal statute. In short, PRB-1 states that local governments cannot preclude Amateur Radio communications; they must “reasonably accommodate” amateur operations, and the state and local regulations must be the minimum practicable regulation to accomplish a legitimate

governmental interest. Subject to those guidelines, municipalities may still establish regulations with respect to height, safety, and aesthetic concerns.

For 28 years, FCC regulations have “prohibited the application to Amateur Radio stations of state and local regulations that preclude or fail to reasonably accommodate Amateur Service communications,” the bill points out, “or that do not constitute the minimum practicable regulation to accomplish a legitimate state or local purpose.” Since PRB-1 was enacted, the FCC has said several times that it would prefer to have some guidance from Congress before extending the policy to private land-use regulations.

HR.4969 has been referred to the House Energy and Commerce Committee. Rep Greg Walden, W7EQI (R-OR), chairs that panel's Communications and Technology Subcommittee, which will consider the measure.

ARRL Hudson Division Director Mike Lisenco, N2YBB, is a principal advocate for the current legislative initiative to gain PRB-1 recognition for CC&Rs. Lisenco said the most urgent task now is to get additional co-sponsors to sign onto HR.4969.

### **Changes to Amateur Service Part 97 Rules Go Into Effect on July 21**

The FCC's recently announced revisions to the Part 97 Amateur Radio rules governing exam credit to former licensees, test administration, and emission types will go into effect on Monday, July 21. The new rules were published in The Federal Register on June 20. Earlier this month, the Commission announced that it would grant examination credit for written elements 3 (General) and 4 (Amateur Extra) to holders of “expired licenses that required passage of those elements.” The FCC will require former licensees falling outside the 2-year grace period to pass Element 2 (Technician) in order to be relicensed. The Commission declined to give exam credit to holders of expired Certificates of Successful Completion of Examination (CSCEs) or to extend lifetime validity to CSCEs.

The FCC also embraced the use of remote testing methods, allowing volunteer examiners and volunteer examiner coordinators “the option of administering examinations at locations remote from the VEs.” The National Conference of Volunteer Examiner Coordinators (NCVEC) in 2002 endorsed experimental use of videoconferencing technology to conduct Amateur Radio testing in remote areas of Alaska. The Commission dropped its earlier proposal to permit two VEs to administer exams; the requirement remains at three VEs. The Commission did not spell out the “mechanics” of remote testing, however, which, it said, would “vary from location to location and session to session.” VEs administering examinations remotely must grade such examinations “at the earliest practical opportunity,” rather than “immediately,” as the current rule for conventional exam sessions requires.

In addition, the FCC adopted an ARRL proposal to authorize certain Time Division Multiple Access (TDMA) emissions in the Amateur Service. The Wireless Telecommunications Bureau in 2013 granted an ARRL request for a temporary blanket waiver to permit radio amateurs to transmit emissions with designators FXD, FXE, and F7E, pending resolution of the rulemaking petition. That waiver becomes permanent on July 21.

# **Meeting Minutes**

## **General Meeting, June 9, 2014**



Kaiser Hospital, 710 Lawrence Expressway, Santa Clara, Ca., 95051 Status: Unreviewed

The SCCARA GENERAL MEMBERSHIP MEETING was called to order at 19:35 by President Fred Townsend (AE6QL). Members and guests introduced themselves. There were 22 attendees.

Announcements: Lou (WA6QYS) reminded the club that July 12, 2014 would be SCCARA'S turn to host the electronics flea market at De Anza College. Contact Lou if you are available to help. Lou also noted that the next Quarterly SVECS Breakfast would be July 26 at the Santa Clara Senior Center. Lou needs an estimate of the number of people planning on attending so that he knows how many eggs to buy. You can make your reservation on SCCARA's Monday night 2 meter net or by contacting Lou (his contact info. is in the SCCARA-GRAM). Don (K6PBQ) announced that the SCCARA Club Station at the San Jose Red Cross would not be open on the last Saturday of June due to Field Day. Don also stated the SCCARA was selling a Yeasu 747 HF radio. See Don for information.

Presentation: Gregg (KF6FNA) spoke about SCCARA FIELD DAY 2014. He announced that SCCARA would set up in Alviso, on the corner of Gold St. and Catherine St. for Field Day. Check on the ARRL Field Day Locator on the ARRL Website for a map. The SCCARA antenna trailer is parked in Clark's (KE6KXO) front yard. There will be work parties on June 14 and June 21 to check out coax, rotors and antennas. On Friday, June 27, club members will meet at Clark's (1425 State St., Alviso) to move the trailer 4 blocks to the Field Day location and set up antennas, radio stations and canopies.

On Saturday morning Don (K6PBQ) will once again cook and serve up a breakfast of pancakes, sausage, eggs and juice to get the day started. Starting around noon the BBQ will be lit to provide hot dogs, hamburgers and hot links.

This year SCCARA will be operating as a “2A” classification. The station Captains will be: John Felix (KI6ANW) for VHF; Don Village (K6PBQ) and Bob Schwimmer (N2FAW) for CW/DIGITAL; Lloyd DeVaugs (KD6FJI) for HF PHONE; and Fred Townsend (AE6QL) for GOTA. Bonus Points will be earned by some use of solar power. (Dennis (KJ6ZZJ) will be providing solar power as well as a 6kw generator.) John (W6JPP) mentioned that the club was 15 countries short of DXCC, so work all countries you hear!

Fred (AE6QL) will be providing his Elecraft K3 HF radio and Elecraft Pan Adapter for use at the GOTA Station. Gregg is looking for operators for the GOTA Station. This will include non-hams, hams licensed in the last year, and hams who have not been on the air in the last year. SCCARA will be using a logging program that gives a time stamp of contacts and determines duplicates. Computers need to be XL or later. All logs will be collected by Fred and submitted to the ARRL. Results will appear in QST.

Gregg urged everyone to drop by and operate. New hams can spend some time at a station watching and even logging contacts on a computer to become more familiar with the procedure before they operate. Don't forget that on Field Day everyone at SCCARA

uses the club call W6UW so that no one knows who you are..Some people are less nervous using a radio when they can remain anonymous. Bring your family and friends! There will be food available 24/7.

At 20:40 Fred adjourned the meeting and refreshments were enjoyed by all.

Lou Steirer WA6QYS and Gregg Lane KF6FNA

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## Board Meeting, June 16, 2014



Red Cross building, 2731 N. 1st. St., San Jose, Ca. Status: Unreviewed

The SCCARA Board Meeting was called to order by President Fred Townsend AE6QL at 19:50.

Attendance: President Fred Townsend AE6QL; Vice President Gregg Lane KF6FNA; Secretary Viki Mauldenhauer KI6WDS; Trustee Don Village K6PBQ; Directors: Lou Steirer WA6QYS, Lloyd DeVaughns KD6FJI, Wally Britten KA6YMD, Janet Motha KF6PUQ, Excused Absences: Treasurer Goetz Brandt K6GKB; Absent: Director Clark Murphy KE6KXO; Visitors: Gwen Steirer KF6OTD.

Announcements: Field Day June 28-29, 2014; SCCARA's Flea Market is July 12, 2014; SVECS Quarterly Breakfast July 26, 2014- volunteers start at 7:30, breakfast at 9:00.

Secretary's Report: Wally moved to approve the minutes as corrected, Lloyd seconded, motion carried. Viki is available at ki6wds@arrl.net. She will continue working on the Data Base. Eventually she will transfer the Data Base to Wally.

Trustee's Report: Don K6PBQ reported that he sold SCCARA's Kenwood TS140 HF radio for \$300. He has listed for sell SCCARA's Yeasu FT757GXZ at HRO for \$300. Wally volunteered to pick up SCCARA's radios at the Red Cross and take them to Clark's house for use on Field Day.

Vice President's Report: July 14 speaker will be Matthew Kaufman WB6ECE on building a wide coverage repeater system. For Field Day SCCARA needs to rent a porta-poti (cost=\$175) to be on site from Friday AM till Monday AM. Don moved that \$175 be approved for the porta-poti. The motion was seconded by Lloyd and the motion carried. Lou will make the arrangements. Gregg reported that the Red Cross had ongoing work being done on their roof and that he and Lou would check on SCCARA's antennas.

President's Report: Fred will check on possible sites for Field Day 2015.

New Business: Lou needs a volunteer to pull a trailer loaned to SCCARA by the American Legion to the De Anza Electronics Flea Market on July 12, 2014. Fred volunteered. At the Flea Market the gate will be worded by Michael NE6RD and Gregg KF6FNA. SCCARA will buy 30 dozen donuts, bananas and maybe ice cream to be sold at the Flea Market.

Lloyd moved to adjourn the meeting, Don seconded, and the motion carried. The meeting was adjourned at 21:35.

Gregg Lane KF6FNA

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## Need Help?

Amateurs have a long history of helping each other. An experienced amateur who helps another is traditionally called an "Elmer." If you have a question or problem, you are encouraged to ask one of SCCARA's Elmers. Below is a list of topics including who to contact for each. If your topic isn't listed, ask one of the Elmers under the topic that comes closest and we'll ask around.

If you consider yourself to be reasonably competent in at least one area of amateur radio and would be willing help others, please fill out an Elmer form from the club secretary.

Antennas, feed-lines, tuners: WB6EMR, W6JPP, K6PBQ, WB6YRU  
Lightning protection, grounding: WB6YRU  
Station set-up, equipment: K6PBQ, W6JPP  
TVI/RFI: WB6YRU  
Homebrew projects, construction: KD6FJI, WB6YRU  
Computers: older IBM PC: WB6YRU  
Packet Network (BBS, forwarding): WB6YRU  
Code operating and installations: WB6EMR, K6PBQ  
DX (long distance/propagation): WB6EMR  
Emergency operating/preparedness: WA6QYS  
HF operating techniques (SSB, CW): WB6EMR, K6PBQ  
Legal/FCC rules: WB6YRU  
SCCARA (club inner workings): K6PBQ, WB6YRU, WA6QYS  
EchoLink: KK6MX  
License testing, new amateurs: W6JPP

WB6EMR, James D. Armstrong, Jr.,  
evening & msg: 408-945-1202

KD6FJI, Lloyd DeVaughns,  
408-225-6769 e-mail: kd6fji@arrl.net

KK6MX, Don Apte, 408-629-0725  
e-mail: kk6mx@aol.com

W6JPP, John Parks, 408-309-8709  
e-mail: w6jpp@arrl.net

K6PBQ, Don Village, 408-263-2789  
e-mail: donvillage7@yahoo.com

WA6QYS, Lou Steirer, 408-241-7999  
e-mail: wa6qys@arrl.net

WB6YRU, Gary Mitchell, 408-269-2924  
packet: home BBS NOARY  
e-mail: wb6yru@ix.netcom.com

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## Newsletter Notes

Did you have a good time with SCCARA during Field Day? If you have any stories or pictures, please share. I took a few photos myself and have included them here. I hope this primes the pump for more! I saw a couple of other cameras out there, let's see what you've got. Comments about Field Day are welcome too, don't be bashful.

73, Gary WB6YRU, editor

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# Field Day

It's just a couple of days after Field Day, I'm sure more will be coming later. For now, here are a few snap shots.

73, Gary WB6YRU



Info table (left) and set-up area



Lou WA6QYS, Gregg KF6FNA, and Dennis KJ6ZZJ set up a multi-band vertical antenna near the water (salt water makes a great ground plane).



VHF / UHF station



HF Phone station



HF CW and HF Digital station



GOTA station (Get On The Air) manned by Richard WB6EWM and Fred AE6QL



**SCCARA**

Santa Clara County Amateur Radio Association  
PO Box 106  
SAN JOSE CA 95103-0106

Affiliate of the ARRL,  
American Radio Relay League



**FIRST CLASS**

**ADDRESS SERVICE REQUESTED**

**SCCARA Membership Form for 2014**  
If none of your info has changed, fill in name and call only

Name: \_\_\_\_\_ Call: \_\_\_\_\_ Class: E A G T N

Address: \_\_\_\_\_ Licensed since (year): \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ - \_\_\_\_\_ Licence Expiration  
Date (mo/year): \_\_\_\_\_

Telephone: ( ) \_\_\_\_\_  New Member  Renewal  
 I'm also a member of the ARRL

E-mail: \_\_\_\_\_

please print legibly

All memberships begin January 1 and expire December 31.  
Family memberships are for members at the same address. Please include a separate form for each family member.

**If renewing:** annual membership dues (base rate) are: \$20 Individual, \$25 Family, \$10 Student (under 18)

**For new members:**

If joining in January: base rate

If joining in February through October: base rate x (11 - month) x 10% (e.g. for an individual joining in June, it's \$10)

If joining in November or December: free for November and December if paying the base rate for the following year

\$ \_\_\_\_\_ Dues payment for:  individual  family  student

**I want the newsletter by:**  U.S. Mail (costs the club about \$35/year)  internet (you'll get an email notice when a new issue is available for download)

Give this completed form (or copy) with payment to the Secretary or Treasurer at any meeting, or mail to the club address.