

# SCCARA-GRAM



## Santa Clara County Amateur Radio Association

Volume 31, Number 8

August 2015



## Prez Sez

Are you mobile? Do you have a rig in your car? If you have a car that is two years old or less I bet you have a lot of radios in your car or truck. They are computer connected too. Let's take a tally.

I went to a technical conference last week. One of the topics was car connectivity. Your 1990's car could be termed the kindergarten level of computerized car technology. Today we are entering the PhD level.

Some time ago I worked for a company called @Road, Inc. Their hardware and software products served a wide range of commercial transport vehicles. There is a web page where, with the proper access codes, you could track any @Road equipped vehicle on the North American Continent a good deal like APRS Packet amateur radio tracks. However @Road took their radios to a point far beyond APRS.

@Road radios reminded me of a Freddy Kruger *Friday the 13<sup>th</sup>* movie where Freddy couldn't be killed despite cutting off his head. @Road modules contain four transceivers plus GPS with multiple antennas and internal and external batteries. Disconnect antennas or battery and the unit could still call out and notify the client company by phone or email that their unit had been tampered and all this without the knowledge of the driver. It would also tell if the mobile had been stopped too long or trailer doors opened, or had a flat tire, or the driver was speeding, etc. I call it snitch radio. There was even a silent hijack alarm the driver could trip if they thought they were being hijacked. All messages would include the GPS coordinates and could send help if authorized.

The technical conference showed that Detroit had surpassed @Road with new vehicles equipped with up to five transceivers plus wireless entry systems, GPS, and collision avoidance radar. All of these radios are stealth radios, with the possible acceptance of OnStar, Internet, and cell phone marketed features. Stealth means they are not accessible by the user and are not transmitting all the time. They are more like the OnStar radio that is activated by a special event.

By now Gary is saying that's nice Fred but what does that have to do with Amateur Radio? Answer: It affects Amateur Radio in immense ways you never imagined.

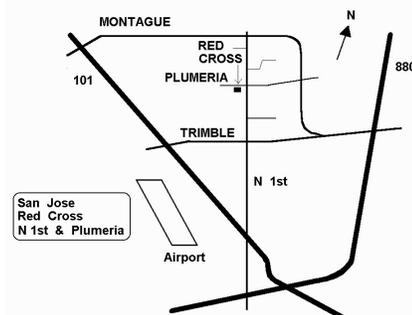
Problem 1: One of my career fields is called RFI (Radio Frequency Interference) sometimes called EMI (Electro Magnetic Interference). This deals with how various electronic systems relate to (i.e. interfere with) each other. The higher the power level the greater the likelihood of a RFI problem. Since ham radios, even 5 watt HTs, are considered high power RF systems, ham radios often trigger a RFI event. The good news is the FCC says with RFI problems between with an unlicensed system and a

## Calendar

- 8/8 Electronics Flea Market - WE SPONSOR
- 8/10 SCCARA General Meeting
- 8/17 SCCARA Board Meeting--(San Jose Red Cross, 7:30p, all are welcome)

## General Meeting

- Day: Monday, August 10, 2015
- Time: 7:30 PM
- Place: Kaiser Santa Clara, Hospital B-06
- Featuring: James Armstrong, NV6W, stealth wire antennas



The **SCCARA-GRAM** is published monthly by the **SANTA CLARA COUNTY AMATEUR RADIO ASSOCIATION**, PO Box 106, San Jose CA 95103-0106. Permission to reprint articles is hereby granted, provided the source is properly credited.

**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@arll.net](mailto:ka6ymd@arll.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 (login "bbs"). Sysop: Gary Mitchell, WB6YRU For general packet info, see the NCPA web site [nepa.n0ary.org](http://nepa.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

licensed system like ham radio, the unlicensed system must accept interference from the licensed system. Also an unlicensed system must not cause interference to a licensed system. Since ham radio is licensed, all of the mobile systems, including radios and computers, must accept inference from ham radio. When there is a conflict the onus is on the car maker to fix the problem. The bad news is the FCC frequently ignores its own rules. Furthermore, since the car makers can't test for all RFI problems they usually don't test for RFI at all or if they do test, it is at levels below those typical of ham radio.

One difficulty of RFI issues is the "one to many" relationship between a RFI emitter and RFI receivers. Every RF source is broadcast to every electronic device in the area. This turns design focus from RFI suppression to RFI immunity where at risk circuits are hardened to ignore RFI. Sometimes it has to be done over and over again for each electronic system. Also the relationship between RFI emitters and affected circuits may be dynamic.

Consider the guy with a Scorpion HF antenna mounted on his rear bumper of his pickup. When he transmits he is shielded from his pickup's engine computer by distance and the truck body. What about the guy that pulls up directly behind that antenna at a traffic light? His engine's computer is less than half the distance to the HF antenna and the plastic grillwork doesn't provide shielding.

Less you think this is an unrealistic example I remind that recent production Chevy Corvettes have been known to shut down and remain shut down by simple garage door openers. Older Datsun 280Z's could be shut down by a fifty watt 2 meter rig so we are not necessarily progressing in right direction in this area.

When an RFI issue is identified between your car and your ham radio it may be the manufacturer's responsibility to fix the problem but most dealers are clueless about RFI. Some dealers will even charge when they check out a problem and no trouble is found. No trouble is found because the dealer and even his factory support have no knowledge of RFI issues and don't know how to test for it.

At the very least the ham will be inconvenienced by the need to take the car in. The owner may be out pocket for other costs like a rental car. In the end they may elect not to use a rig in the car. However that may not be the worst of it. There is an even darker side to the new cars that awaits ham and non-hams alike. It's called the computer and the other non-ham wireless systems.

Problem 2: You may have heard of terms such as virus, worm, Trojan, or rootkit when people discuss cyber security for your home computer or laptop. Until now your car was protected from such evil deeds because it doesn't have a compatible operating system and it's not connected to the Internet. Furthermore the engine computer is usually located behind the glove box or on the other side of the firewall in the fender well where it is protected from access. Well remember I started this article writing about the technical conference on connectivity I attended last week? The bad guys now have five non-ham transceivers plus an always on wireless entry system they can use to communicate with your vehicle. If you can, watch this video: <https://www.youtube.com/watch?v=MK0SrxBC1xs>

This is not Hollywood. This is for real. The people pictured are white hat hackers. They are the good guys that check system vulnerability of computer systems and report security breaches to their manufacturers. You know the same manufactures that are clueless about RFI? They found it easy to hack into an automobile because there was very little if any computer security. They also found one famous three letter automobile manufacturer had a master key code that once discovered could be used to gain access and start any of their new cars. *Gone in Sixty Seconds* is no longer Hollywood fiction. It's really easier than the movie makes it out to be.

Malware isn't limited to stealing either. Perhaps you have heard of someone that received email stating their hard disk had

been encrypted. In order to gain access again they would have to make payment to some Swiss bank account. It's not a joke. It's real. It has happened. What if you are going to work and when you try to start your car a message appears on your car's entertainment console that says your car has been encrypted and will not start until you email money to some Swiss bank account? This has not happened yet but can it be long in coming? There is one more thing to take the joy out of new car buying.

Problem 3: When you take your car in the Service Writer produces a form authorizing service and asks you to sign and initial in various places. Read this document very carefully. You may be authorizing the dealer to share information about your car with other people or companies. Yes the dealer can sell information about your car to perhaps your insurance company or leasing company who be interested to know that you drive 110 mph or otherwise abuse your car. This information may be available from the wireless service link your dealer uses so why not make an extra buck.

Finally be sure you make your payments on time. GPS will tell the repro people exactly where your car is parked. You have been warned.

73, Fred, AE6QL, ae6ql@arrl.net



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## Electronic Flea Market

SCCARA TO HOST FLEA MARKET AUGUST 8, 2015

August is SCCARA's month to host the ELECTRONICS FLEA MARKET at De Anza. This is SCCARA's main source of funds. Anyone interested in helping out with set up, tear down, or manning the concession tent can contact Lou Steirer WA6QYS at (408) 241-7999. Fred AE6QL has volunteered to tow a rented trailer to deliver the donut tent and tables. He will arrive at 5 AM for set up. We will need people to sell drinks and donuts and to act as cashier. Tear down will start around 11:45. Hope to see you there!!

Gregg KF6FNA

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## SCCARA Picnic

SCCARA will have their annual picnic on Sunday, August 23, 2015. Once again we will be meeting at HENRY SCHMIDT PARK in SANTA CLARA. The park has tables, BBQ's, trees to hang antennas from and to provide shade, and restrooms. SCCARA will provide charcoal, hot dogs, drinks and 2 Quick Shade Canopies. Attendees are encouraged to bring their folding chairs and a pot luck food item. Gwen KF6OTD will organize the BINGO games. There will be at least 2 HF radios set up and there will be talk in on the SCCARA 2 m repeater.

To get to Henry Schmidt Park from HWY 280, exit onto Saratoga and go North. Drive past San Tomas until you get to Los Padres. The park will be on your left. If you get to Scott Blvd, you have gone to far, so make a u-turn. There will be more information at the August SCCARA Meeting. Hope to see you there!

Gregg KF6FNA

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# ARRL News

From *The ARRL Letter*, July 2, 2015

## The Amateur Radio Parity Act of 2015 Introduced in the US Senate

A companion Amateur Radio Parity Act of 2015 bill has been introduced in the US Senate. Mississippi Republican Sen Roger Wicker introduced S. 1685 on June 25, with Connecticut Democratic Sen Richard Blumenthal as the initial cosponsor. The Senate bill joins an identical measure in the US House, H.R. 1301, which was introduced in March by Illinois Republican Rep Adam Kinzinger. Both measures would direct the FCC to extend its rules relating to reasonable accommodation of Amateur Service communications to private land-use restrictions.

"Introduction of the Senate bill is a huge step toward achieving fairness for amateurs affected by private land-use regulation," said ARRL President Kay Craigie, N3KN. "For them and for the future of Amateur Radio, I thank everyone who contributed to making this progress. Now let's finish the job!"

Wicker said the bill he introduced with Blumenthal's cosponsorship would allow for transparency and equality in the regulatory process. He said in a June 29 media release that the legislation would ensure that Amateur Radio operators are able to continue to provide "critical communications support at no cost to taxpayers."

"This would be particularly beneficial in Mississippi and other rural states," Wicker said. "During Hurricane Katrina, Mississippians learned firsthand the value of Amateur Radio, and its ability to provide information that could save lives in times of natural disasters."

According to Wicker, the measure "ensures increased access to, and availability of, critical resources and communication tools" to first responders. Added Blumenthal, "We have seen the effectiveness of these systems, and the need to provide these emergency response systems to Americans, regardless of where you live, is evident."

Wicker pointed out that private land-use restrictions prevent many hams from installing functional outdoor antennas. "This bill would call on FCC to apply the reasonable accommodation policy evenly to all types of residential land-use regulations and offer Amateur Radio operators the ability to negotiate with subdivisions that now have restrictions that preclude Amateur Radio antennas completely," he said. "This could be accomplished without taking any jurisdiction away from homeowners associations and would protect neighborhood aesthetics."

S. 1685 has been referred to the US Senate Committee on Commerce, Science, and Transportation, chaired by Sen John Thune (R-SD).

The House version of The Amateur Radio Parity Act of 2015 had attracted support from 83 cosponsors, as of July 1.

## FCC Invites Comments on Proposed Rules for New LF and MF Amateur Allocations

The FCC is inviting comments on its recent proposals to authorize Amateur Radio operation on two new bands -- an LF allocation at 135.7 to 137.8 kHz (2200 meters), and an MF allocation at 472-479 kHz (630 meters). Amateur Radio would be secondary on

both bands. Comments are due August 31. Reply comments -- ie, comments on comments filed -- are due by September 30. The FCC allocated 135.7 to 137.8 kHz to the Amateur Service in accordance with the Final Acts of the 2007 World Radiocommunication Conference (WRC-07). The proposed new allocation at 472 to 479 kHz would implement decisions made at WRC-12.

“The Commission is proposing service rules for the Amateur Service in the 135.7-137.8 kHz and 472-479 kHz bands with the principal goal of enabling sharing of this spectrum among licensed amateur stations and unlicensed PLC systems,” the FCC said on April 27 in a 257-page Report and Order, Order, and Notice of Proposed Rulemaking. The combined proceeding addresses three dockets -- ET-12-338, ET-15-99, and IB-06-123 -- affecting various radio services in addition to the Amateur Service. The detailed proposals appeared in The Federal Register on July 2.

Amateur Radio stations are not permitted in either band until the FCC adopts, on the basis of comments, specific technical and operational Part 97 rules. Power line carrier (PLC) systems operated by utilities to control the power grid already operate under Part 15 of the FCC rules in both frequency ranges, particularly the lower of the two.

With respect to the new 630 meter band, the FCC has concluded that Amateur Radio and PLC systems “can successfully coexist in the band,” and noted that there has been no reported interference to PLC operation resulting from experimental operations there. The FCC said PLC systems and anticipated Amateur Radio use of both 630 meters and 2200 meters “have characteristics that make coexistence possible.” In general, the FCC wants to hear from the public regarding power limits, antenna placement and height, and geographical limitations for operation in the proposed LF and MF allocations. The FCC has said that the “cornerstone” of the technical rules it’s proposing for both bands is “physical separation between amateur stations and the transmission lines” carrying PLC signals.

The FCC has said that if it concludes, after considering the record, that Amateur Radio and PLC systems cannot coexist on 135.7-137.8 kHz, it would “defer the adoption of service rules, and amateur users will have to continue to use the experimental licensing process to operate in the band.”

In 2012, the ARRL submitted a Petition for Rule Making asking the FCC to allocate 472-479 kHz to the Amateur Service on a secondary basis and to amend the Part 97 rules to provide for its use. Several countries, including Canada, already have access to the band.

The FCC said the addition of the new LF and MF allocations “would provide new opportunities for amateur operators to experiment with equipment, techniques, antennas, and propagation phenomena but with signals having larger bandwidth and higher power.”

In addition, the FCC has raised the secondary Amateur Service allocation at 1900 to 2000 kHz to primary, while providing for continued use by currently unlicensed commercial fishing vessels of radio buoys on the “open sea.” The Commission is seeking comment on technical requirements to govern operation of the Part 80 radio buoys.

Interested parties may submit comments, identified by ET Docket No 15-99, via the FCC Electronic Comment Filing System (ECFS). The ARRL will file comments in this proceeding.

From *The ARRL Letter*, July 9, 2015

## **Amateur Radio Becomes Primary on 1900-2000 kHz on August 6**

Amateur Radio will be upgraded from secondary to primary in the 1900-2000 kHz segment of 160 meters in the US on August 6. That’s the effective date of the WRC-07 implementation Report and Order and WRC-12 Order portions of a lengthy FCC document released on April 27. Both appeared in the Federal Register on July 7; the Notice of Proposed Rule Making (NPRM) of the same proceeding was published in the Federal Register on July 2. The Radiolocation Service (RLS) has been primary in the band segment. The FCC also made a secondary allocation of 135.7-137.8 kHz to the Amateur Service, but this band will not be available until service rules have been adopted.

“The FCC action with respect to 1900-2000 kHz reduces the possibility that we might suffer in the future from new Radiolocation Service deployments,” said ARRL CEO David Sumner, K1ZZ. “On the other hand, we will have to put up with radio buoys that have been operating illegally in the band but that now have been ‘regularized’ by the Commission.”

The FCC said that while it had believed there was no non-Federal RLS use of the 1900-2000 kHz band, the record indicated there are maritime users, including the US “high seas” migratory species fishing fleets, making use of radio buoys in the Atlantic and Pacific oceans as well as within 200 nautical miles of the coast. It did not identify these users in the WRC-07 proceeding, however, “because they did not appear in its licensing database,” it said.

“Apparently, fishing vessels have operated radio buoys in US waters under the belief that a ship station license issued under Part 80 of the Commission’s rules permits operation of the buoys,” the FCC Order continued. The FCC said a Part 80 license applies only to stations in the maritime services and does not authorize operation of radio stations requiring a Part 90 license, “such as the radio buoys at issue here.”

The FCC said its action regarding 1900-2000 kHz supports increased use of 160 meters as reported by commenters in the proceeding and provides “spectrum support” for Amateur Radio emergency communication. The FCC said its action also offers the Amateur Service “the long-term security that primary status entails.”

In removing the primary RLS allocation, the FCC added a new footnote to the US Table of Allocations that provides for radio buoy operations in the 1900-2000 kHz segment on a primary basis in Region 2 (the Americas) and on a secondary basis in Region 3, which limits operations to the open sea.

The FCC also concluded that it is in the public interest to establish a secondary Amateur Radio allocation at 135.7-137.8 kHz -- 2200 meters, although the new band is not yet authorized for amateur use. “In accordance with the WRC-07 Final Acts, the Commission also restricted use of this secondary Amateur Service allocation to amateur stations transmitting a maximum equivalent isotropically radiated power (EIRP) of 1 W.” The Commission is inviting comments until August 31 on how it should structure operational rules for that allocation as well as for a proposed 472-479 kHz allocation, 630 meters. Read more at <http://www.arrl.org/news/amateur-radio-becomes-primary-on-1900-2000-khz-on-august-6>.

# What Me Worry?

Folks, we have had our problems with Field Day but we are not the only ones. I thought you might enjoy reading what a few others across the country have to say about their FD. (The spelling was not corrected.)

From KD5ONS:

Good Evening, Since this weekend will have amateurs out fighting gloom, propagation, wind, wet, warm food which should have been cold, cold food which should have been hot, mosquitoes, bears, moose, elk, bison, hungry coyotes, inexperienced operators, and sundry other afflictions there. Enjoy the quest; the sun has fed a great number of ions into the mix with even more on the way. Hopefully, you will each have a safe, enjoyable, and edifying field day.

From K3YD:

Had the opportunity to operate two, different K3 transceivers, both with the new KSYN3A boards, during FD.

A few CW observations:

1. The only way I became aware of a station moving close to me was when my "rate" dropped. A glance at the P3, or opening up the receiver bandwidth, always revealed that somebody loud had moved in really close. Since not everyone has K3 . . . my rate fell in what was QRM for other receivers.
2. The bands seemed really "big". I was always able to quickly find a run frequency when moving from another band or mode.
3. In spite of rainstorms for about 23 hours of FD, the bands seemed quiet and lightning crackles were quite subdued.

From K2ULR:

My local club decided to call off their FD plans, due to the bad WX in our area. They were going to use a new site, which is located on elevated ground... normally a good thing. But the possibility of lightning was in the forecast, so perhaps discretion was the better call.

From K1WHS:

I used a K3 with the new synthesizer and it worked great, but with just five watts QRP on battery power, I found condx were pretty bad. The nor'easter that blew into northern New England did not help. We had high winds buffeting the tent and a pretty substantial river developed right under the operating table. Apparently things were not so bad farther south, but propagation seemed depressed here. Did anyone else think propagation was down? Lots of QSB and watery signals. Maybe our wire antenna was NG, but I doubt it. We had three half waves on 20 M fed with open wire. There was plenty of room between other signals on all the bands.

From N2HMM:

We (Sussex County ARC W2LV) in NW NJ ran a 5A operation and had a couple of K3's on hand. We thought conditions were flat on Saturday but a little better on Sunday. We were well protected under a large circus tent with perimeter tarps from the wind and the rain. The cold (low 50's) was the biggest issue. The K3's ran perfect but the foot switches weren't happy.

From W6JHB (1E, SV):

Wondering how many ops on this reflector had a KX3 station running this past weekend in Field Day? I had mine running five watts, along with a PX3, set up on our back patio. Ran a LiFePO4 battery and solar panel, along with a half-sized G5RV in inverted Vee mode, apex up 25 feet.

Conditions weren't great here (25 miles east of Sacramento) but still had fun and the KX3 performed quite well. The bulk of my QSO's were made on 40 and 20 meters. A handful on 15 and four on 80 meters. I listened, but heard ZERO stations on 10 meters either day. Ughhh....

From N6XI:

K7MS was a KX3+KXPA100, the GOTA station alongside 2A K6NV, making about 300 GOTA QSOs, I think all SSB. I was in the main station and wasn't allowed to use the GOTA station but the GOTA guys were all smiling.

From WM6P:

Two of us shared a K3 on CW. There were four other HF stations on digital modes with very little antenna separation. We were never even aware that the other stations existed in the same building. QRM was not a problem unless multiple stations moved within a few Hertz of our receive frequency. Most impressive.

It's nice to not worry about rain or lightning.

73, Fred

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## FM QSO Party

The San Francisco Radio club, W6PW, ([www.sfrc.club](http://www.sfrc.club)) is holding a 2 m FM QSO Party on 8/29/2015, from 12 noon to 6 PM. Only one side of each contact must be in San Francisco, so others are welcome to participate. Contacts are limited to FM Simplex on the 2 meter band, and at least one end of the QSO must be within San Francisco. There are two exchange items, your call sign and zip code.

See our web site for more info and rules. If there are any questions, please feel free to contact me at [ad6i@kint.org](mailto:ad6i@kint.org).

Thanks, Robert Klahn, AD6I

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## Field Day 2015

Photos by Wally KA6YMD



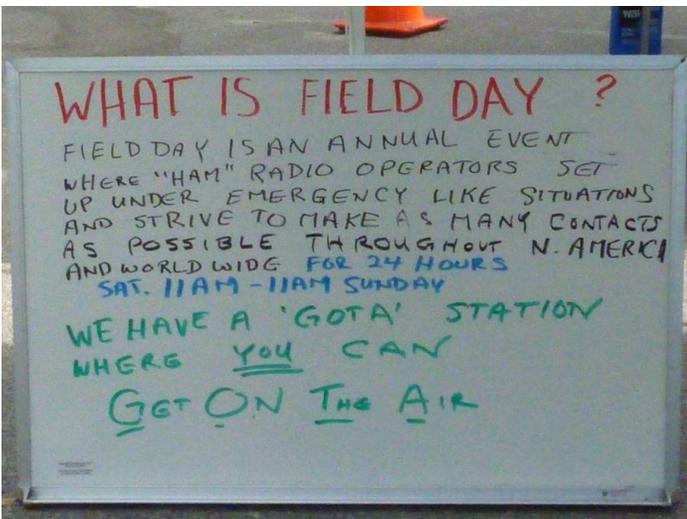
Club banner at the entrance to our area



**Visitor greeting station**



**SCV Section Manager Brandon N6IC**



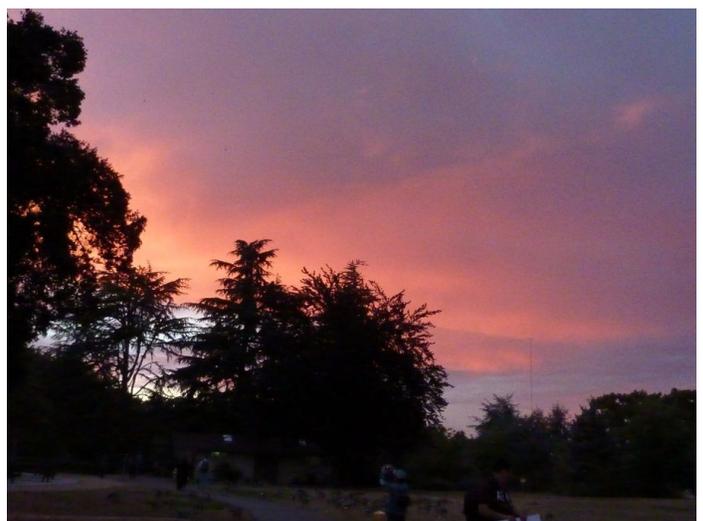
**Info board**



**Solar power**



**George N6NKT from the Red Cross**



**Beautiful sunset ends the day.**

# Meeting Minutes

## General Meeting, July 13, 2015



{No minutes were submitted. -- Editor }

## Board Meeting, July 20, 2015



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 19:39,

Attendance: President Fred Townsend AE6QL; Vice President/Secretary Gregg Lane KF6FNA; Trustee Don Village K6PBQ; Directors Lou Steirer WA6QYS, Wally Britten KA6YMD, Lloyd DeVaughns KD6FJI, Richard Clare WB6EWM. Absences (excused) : Treasurer Goetz Brandt K6GKB and Director Clark Murphy KE6KXO. Guests: Gwen Steirer KF6OTD and Editor Gary Mitchell WB6YRU.

Announcements: 1) SVECS BREAKFAST July 25, 2015. 2) There will be a Digital Station test and repair session on July 25 at 13:30 hrs. at the Red Cross. 3) SCCARA hosting the ELECTRONICS FLEA MARKET on August 8, 2015. 4) SCCARA PICNIC on Sunday, Aug. 23, 2015 @ Henry Schmidt Park in Santa Clara. 5) 2015 US ISLANDS QSO PARTY on Aug. 29-30, 12:00-03:00 UTC.

Secretary's Report: Lou moved to accept the minutes as submitted. Second by Don. Carried.

Treasurer's Report: None Given. 1) Motion by Gregg to reimburse Wally \$17.31 for Field Day ice. Second by Lou. Carried. 2) Motion by Don to reimburse Lou \$107.95 for Field Day Food. Second by Gregg. Carried.

Trustee's Report: Don K6PBQ stated that the Club Station would be open on the last Sat. in Aug. 2) Wally agreed to be Net Control on Aug. 17 due to Don being out of town.

Vice President's Report: Gregg KF6FNA will try to get Red Cross approval for an antenna party for the club station in August.

President's Report: Fred AE6QL 1) requested that members turn in their bills for Field Day. 2) Suggested that SCCARA research San Jose Parks for Field Day 2016.

New Business: 1) Editor Gary WB6YRU proposed that SCCARA consider getting a color laser printer/scanner. Gary agreed to do more research. Lou moved that Gary and Fred work out details for presentation to SCCARA BOARD. Second by Lloyd. Carried. 2) Fred volunteered to tow a rented trailer to transport FLEA MARKET equipment for SCCARA in August. 3) Lou asked about SCCARA's Franchise Tax Board Number. Fred said that he would handle it. 4) Gregg moved that the SCCARA PICNIC be Sunday, August 8 at Henry Schmidt Park in Santa Clara. Second by Rich. Carried.

Fred adjourned at 21:45

Gregg Lane, KF6FNA, Secretary

# Packet Pieces

## Downloaded from the BBS packet network:

=====  
Date: 30 Nov 2013 01:38  
From: GM3YEW@GB7YEW  
To: HUMOR@WW  
Subject: Jokes 30/11  
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A guy walks into a bar with an octopus.

He sits the octopus down on a stool and tells everyone in the bar that this is a very talented octopus. "He can play any musical instrument in the world."

Everyone in the bar laughs at the man calling him an idiot. So he says that he will wager \$50 to anyone who has an instrument that the octopus can't play.

A customer walks up with a guitar and sets it beside the octopus. Immediately the octopus picks up the guitar and starts playing better than Jimi Hendrix. The guitar owner pays up the \$50.

Another customer walks up with a trumpet. This time the octopus plays the trumpet better than Miles Davis. The trumpet-owner coughs up the \$50.

Then Jim a Scotsman plonks some bagpipes on the table. The octopus fumbles with the bagpipes for a minute and then backs off with a confused look.

Ha!" the Scot says. "Can ye nae plae it?"

The octopus looks up at him and says "Play it? I'm going to make love to it as soon as I figure out how to get its pyjamas off."

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Two Irish hunters got a pilot to fly them to Canada to hunt moose. They bagged six. As they started loading the plane for the return trip the pilot said the plane could only take four moose.

The two lads objected strongly. Last year we shot six and the pilot let us put them all on board and he had the same plane as yours."

Reluctantly the pilot gave in and all six were loaded. however even with full power the little plane couldn't handle the load and went down a few moments after take-off.

Climbing out of the wreckage Paddy asked Seamus "Any idea where we are?"

"Bejasus! tink we're pretty close to where we crashed last year."

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A woman stopped by unannounced at her recently married son's house. She rang the doorbell and walked in. She was shocked to see her daughter-in-law lying on the couch

totally naked. Soft music was playing and the aroma of perfume filled the room.

"What are you doing?" she asked.

"I'm waiting for my husband to come home from work" the daughter-in-law answered.

"But you're naked!" the mother-in-law exclaimed.

"This is my love dress" the daughter-in-law explained.

"Love dress?"

"My husband loves for me to wear this dress" she explained. "It excites him to no end. Every time he sees me in this dress he instantly becomes romantic and ravages me for hours on end. He can't get enough of me."

The mother-in-law left. When she got home she undressed showered put on her best perfume dimmed the lights put on a romantic CD and laid on the couch waiting for her husband to arrive.

Finally her husband came home. He walked in and saw her laying there so provocatively.

"What are you doing?" he asked.

"This is my love dress" she whispered sensually.

"Needs ironing" he said. "What's for dinner?"

His funeral will be held next Thursday

=====  
Date: 26 Nov 2013 04:45  
From: GM3YEW@GB7YEW  
To: HUMOR@WW  
Subject: Jokes 26/11  
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#### Wisdom

1. You will never find anybody who can give you a clear and compelling reason why we observe daylight-savings time.
2. You should never say anything to a woman that even remotely suggests you think she's pregnant unless you can see an actual baby emerging from her at that moment.
3. The most powerful force in the universe is gossip. (Closely followed by nagging)
4. The one thing that unites all human beings regardless of age, gender, religion, economic status, or ethnic background is that deep down inside we ALL believe that we are above average drivers.
5. There comes a time when you should stop expecting other people to make a big deal about your birthday. That time is age 11.
6. There is a very fine line between "hobby" and "mental illness."
7. People who want to share their religious views with you almost never want you to share yours with them.

8. The main accomplishment of almost all organized protests is to annoy people who are not with them.

9. If there really is a God who created the entire universe with all of its complexities and He decides to deliver a message to humanity, He will NOT use as His messenger a person on cable TV with a bad hairstyle.

10. You should not confuse your career with your life.

11. A person who is nice to you but rude to the waiter is not a nice person.

12. No matter what happens, somebody will find a way to take it too seriously.

13. When trouble arises and things look bad there is always one individual who perceives a solution and is willing to take command very often that individual is crazy.

14. Your friends love you anyway.

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#### Airline Announcements:

United Flight Attendant announced 'People, people we're not picking out furniture here, find a seat and get in!'

On landing the stewardess said 'Please be sure to take all of your belongings. If you're going to leave anything please make sure it's something we'd like to have.'

As the plane landed and was coming to a stop at Ronald Reagan a lone voice came over the loudspeaker: 'Whoa big fella WHOA!'

After a particularly rough landing during thunderstorms in Memphis a flight attendant on a Northwest flight announced 'Please take care when opening the overhead compartments because sure as hell everything has shifted after a landing like that.'

Another flight attendant's comment on a less than perfect landing: 'We ask you to please remain seated as Captain Kangaroo bounces us to the terminal.'

Overheard on an American Airlines flight into Amarillo Texas on a particularly windy and bumpy day: After an extremely hard landing the Flight Attendant said 'Ladies and Gentlemen welcome to Amarillo. Please remain in your seats with your seat belts fastened while the Captain taxis what's left of our airplane to the gate!'

'Your seat cushions can be used as a flotation device, and in the event of an emergency water landing please paddle to shore and keep them with our compliments.'

'As you exit the plane make sure to gather all of your belongings. Anything left behind will be distributed evenly among the flight attendants. Please do not leave children or spouses.....except for that gentleman over there.'

License testing, new amateurs: W6JPP

Contacts:  
NV6W, James D. Armstrong, Jr.,  
evening & msg: 408-670-1680

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

KK6MX, Don Apte, 408-629-0725  
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W6JPP, John Parks, 408-309-8709  
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K6PBQ, Don Village, 408-263-2789  
e-mail: donvillage7@yahoo.com

WA6QYS, Lou Steirer, 408-241-7999  
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WB6YRU, Gary Mitchell, 408-269-2924  
packet: home BBS N0ARY  
e-mail: wb6yru@ix.netcom.com

After a real crusher of a landing in Phoenix the attendant came on with 'Ladies and Gentlemen please remain in your seats until Capt. Crash and the Crew have brought the aircraft to a screeching halt against the gate. And once the tire smoke has cleared and the warning bells are silenced we'll open the door and you can pick your way through the wreckage to the terminal.'

Part of a flight attendant's arrival announcement: 'We'd like to thank you folks for flying with us today. And the next time you get the insane urge to go blasting through the skies in a pressurized metal tube we hope you'll think of US Airways.'

Heard on a Southwest Airline flight - 'Ladies and gentlemen if you wish to smoke the smoking section on this airplane is on the wing and if you can light 'em you can smoke 'em.'

A plane was taking off from Kennedy Airport . After it reached a comfortable cruising altitude the captain made this announcement 'Ladies and gentlemen this is your captain speaking. Welcome to Flight Number 293 nonstop from New York to Los Angeles. The weather ahead is good and therefore we should have a smooth and uneventful flight. Now sit back and relax... OH MY GOD!'

Silence followed and after a few minutes the captain came back on and said 'Ladies and Gentlemen I am so sorry if I scared you earlier. While I was talking to you the flight attendant accidentally spilled a cup of hot coffee in my lap. You should see the front of my pants!'

A passenger in Coach yelled 'That's nothing. You should see the back of mine!'

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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.

### Topics:

Antennas, feed-lines, tuners: NV6W, 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: NV6W, K6PBQ  
DX (long distance/propagation): NV6W  
Emergency operating/preparedness: WA6QYS  
HF operating techniques (SSB, CW): NV6W, K6PBQ  
Legal/FCC rules: WB6YRU  
SCCARA (club inner workings): K6PBQ, WB6YRU, WA6QYS  
EchoLink: KK6MX

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## Newsletter Notes



Announcing: the *SCCARA-GRAM* Archives

Good news! The *SCCARA-GRAM* is being archived in digital format (pdf files) on the club web site ([www.qsl.net/sccara](http://www.qsl.net/sccara)). So far it only goes back through 2005, but this is a work in progress, more will follow. So stay tuned.

The link to the archives page is on the club web site just below the regular link to the current newsletter. The direct link is [www.qsl.net/sccara/newsletter\\_archives.htm](http://www.qsl.net/sccara/newsletter_archives.htm).

Eventually I'd like to have a few noteworthy items listed below each newsletter link. Maybe some of you would like to help with that? See the June 2015 entry for an example.

Much of the club history is in our newsletters. Unfortunately, almost all of them prior to 1985 have been lost to history. Up to now we only have paper records in the club locker. It's too easy for records to get lost and hardly anyone can see them that way. This digital archive is an attempt to remedy that situation, and at the same time make them easily available to the membership or any would-be historians. (Some of you may remember that SCCARA had a club historian many years ago.)

At some point in the not too distant future, my intent is to do the same with the rest of the club paper records, which includes photos and even an old 16 mm film movie reel.

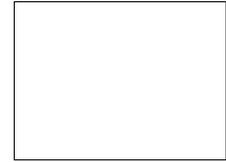
This is all going to take a lot of time and effort, and some money too. It has been questioned whether we should worry about archives in the first place. If you have any thoughts or feelings on the subject, please let us know.

73, Gary WB6YRU, editor

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



**FIRST CLASS**

**ADDRESS SERVICE REQUESTED**

**SCCARA Membership Form for 2015**  
 If none of your info has changed, fill in name and call only

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

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

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

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

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

\_\_\_\_\_  
 You'll get a short e-mail notice each month letting you know a new SCCARA-GRAM (pdf) is ready for download.

Memberships start January 1 and expire December 31. Annual dues are: **\$20 Individual \$25 Family \$10 Student** (under 18)  
 For family memberships (members at the same address), please include the above info for each member, (use separate forms).

**New members:**

- If joining in January: normal dues
- If joining in February through October: dues x (11 - month) x 10% (e.g. for July, that's: \$20 x 4 x 0.1, which is \$8)
- If joining in November or December: normal dues. That's for next year, and the rest of this year is included free

**I want the newsletter on paper delivered by U.S. Mail** for an additional \$30 per year, prorated (\$2.50 per month).  
 So that's \$27.50 if starting in February, \$25 if starting in March, \$22.50 if starting in April, \$20 starting in May, etc.

**\$ \_\_\_\_\_ Total membership payment for:**  individual  family  student

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