

SCCARA-GRAM



Santa Clara County Amateur Radio Association

Volume 47, Number 11

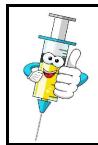
November 2022



Meetings & Gatherings

Our in-person meetings have resumed, but our board meeting are still being held verbally on our 2 m repeater immediately following the Monday night net.

The average number of new covid cases daily in Santa Clara County is now 165 (851 last month). The Santa Clara County Health Dept. has rescinded the last *mandatory* restrictions. However, masks are still recommended indoors and around others. **Vaccination with the latest bivalent booster is strongly recommended.** In Santa Clara County only 15.8% have had their bivalent booster so far.



Club Elections

The next SCCARA general membership meeting will be held on Nov. 14, 2022 in room #3 at the San Jose American Red Cross starting at 7:30 PM. The main order of business will be the election of officers for 2023.

Then we'll have a presentation by Ned AC6YY. Ned has travel experience with using a small QRP station for portable operation.



The current officers for 2022 are as follows:

5 Board Members - have 2 year terms that are staggered so that there will be at least 2 members from the previous year.

The 2 positions that have 1 year left on their terms are: Lou Steirer WA6QYS and Wally Britten KA6YMD.

2 Board Members are finishing their 2 year terms: Ben Shuford KK6CCU and John Parks W6JPP. Both will be running for re-election, plus there is 1 vacant Board position.

President Gregg Lane KF6FNA. He will be running for a new term in his present position for 2023.

Vice President Ned Tufekcic AC6YY. He will be running for a new term in his present position for 2023.

Secretary Barbara Britten KD6QEI. She will **not** be seeking a new term. We are looking for a candidate to fill this position in 2023.

Treasurer Goetz Brandt K6GKB. He will **not** be seeking a new term. We are looking for a candidate to fill this position in 2023.

Station Trustee Don Village K6PBQ. This is an appointed position which he agreed to continue for 2023.

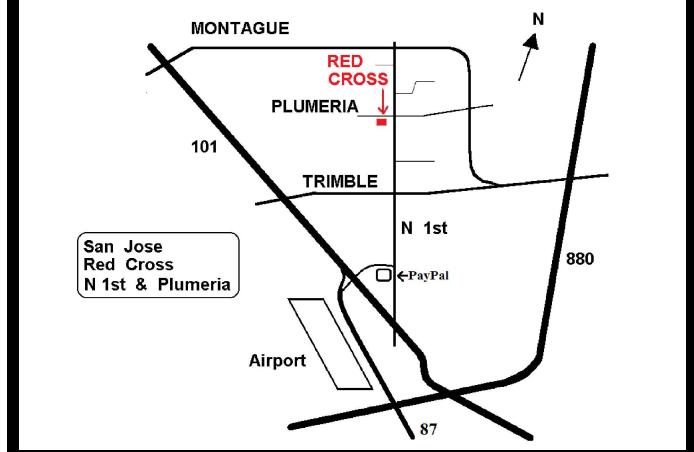
There will be open Nominations for all available

Calendar

- 11/14 SCCARA General Meeting -- club elections
11/21 SCCARA Board Meeting: On our 2 m repeater after the net at 7:30 PM)

General Meeting

Day: Monday, November 14
Time: 7:30 PM
Place: San Jose Red Cross, meeting room 3
Featuring: Club elections. Ned AC6YY on our new digital mode HF radio.



positions at the beginning of the meeting. Voting to follow the closing of nominations.

I would like to thank all of the officers and board members for their service in 2022.

73, Gregg KF6FNA, kf6fna@comcast.net

The **SCCARA-GRAM** is published monthly by the **SANTA CLARA COUNTY AMATEUR RADIO ASSOCIATION**, PO Box 106, San Jose CA 95103-0106.

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.

Permission to reprint articles is hereby granted, provided the source is properly credited.

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

Web page: www.qsl.net/scara
club email: w6uw@arrl.net or w6uw@sbcglobal.net

BOARD OF DIRECTORS (officers are also directors)

President	Gregg Lane KF6FNA	408-393-5607 e-mail: kf6fna@comcast.net
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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 ncpa.n0ary.org.

AMATEUR LICENSE TESTING

ARRL/VEC Silicon Valley VE group:
Morris Jones, AD6ZH: 408-507-4698

Club Station

Due to the holiday season our club station at the Red Cross will **not** be open in November and December. We will reopen on Jan. 28 2023. Have a great holiday season.



73, Don Village K6PBQ

Dinner Meeting

We're resuming our annual holiday dinner meetings!

We'll have our 2022 holiday dinner meeting on Monday December 12th at 6 PM.

It will be at Denny's, 333 S. Abbott St Milpitas, near HWY 237 and Calaveras. From San Jose go 880 north exit Calaveras (east), then right (south) on Abbott, follow around to Denny's at 333 S. Abbott. We'll be in the back room.



This is a family dinner so bring the family with you. We'll each order from the menu and get separate checks. A 20% tip will be automatically included.

Happy Holidays!



73, Don Village K6PBQ

Follow-up

Readers might remember that I provided a citizen's band radio for the pusher truck used in a Bonneville Salt Flats record attempt. Son Sterling was the instrumentation engineer for the streamliner and accompanied the support crew to Wendover Utah were the annual event takes place. They unloaded the machine and as part of the setup completed the installation of the required CB radio. The final step was to connect the coaxial cable and stick the mag-mount antenna on the roof of the truck. Guess what? It didn't stick; in fact it slid off the roof! Surprise, surprise, surprise. The whole damn truck is made of aluminum. So they had to find some steel that was part of the bumper to attach the antenna. After having successfully setup their garage in the pit area, they left the salt flats for the night as required by the racing committee. Imagine their surprise when sleep was impossible due to the thunder and lightning of the mother of all storms. Next morning when they arrived they found the entire salt flats from horizon to horizon submerged in four inches of water! Speed week 2022 was immediately cancelled, everyone retrieving their submerged vehicles from the brine. My previous article was called "CB or NOT CB." Apparently "NOT CB."



Goetz Brandt, K6GKB

ESR & EPR

Electrical engineers have the luxury, maybe better called the freedom, to do their design work using theoretically perfect passive components. Resistors have only resistance, capacitors have only capacitance, inductors have only inductance and power sources have only potential. Once their designs are finalized and they breadboard their creations the real world steps in and all hell breaks loose. The components they have selected aren't perfect and have two sneaky additional parameters called **Effective Series Resistance (ESR)** and **Effective Parallel Resistance (EPR)**.

A capacitor cannot accept or dump a charge instantly because it has ESR. Nor can it hold on to its charge indefinitely because it has EPR. An inductor cannot maintain its field without being fed additional power due to EPR. Nor can it surrender its energy completely due to ESR. The lead acid battery in our cars act much the same and left open circuited will eventually go dead due to EPR. They also suffer from ESR and deliver less than the full chemical potential. If you switch from DC to AC this whole conversation becomes insanely more complicated, but the two parasitics are still there.



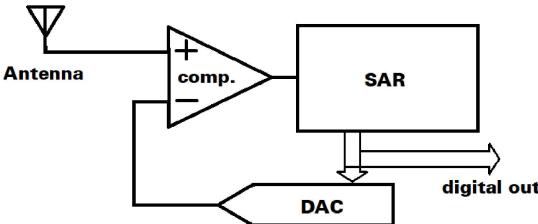
Goetz Brandt, K6GKB

Analog to Digital and Software Radios

You've probably heard the term "*software defined radio*" by now. They're really not radios—at least not in the conventional sense—actually it's a computer. Its front end is a converter that transforms RF signals from the antenna into a series of numbers. That's an **analog-to-digital convert or "ADC."** Everything else is a high-speed computer running a *simulation* of a radio, except for a final part where the detected signal is converted to analog for us humans. More about that next time. For now we'll look at that ADC and how it gets RF signals from the antenna into a computer.

Modern voltmeters display voltages numerically. That's an analog to digital conversion -- voltage is analog and the meter converts it to a number. It does that several times per second. A software defined radio does the same thing except the conversions are much faster.

The basic idea is the electronic version of the old pin-the-tail-on-the-donkey game. One kid, the “pinner,” is blindfolded and attempts to pin a paper tail on a poster of a tail-less donkey. The other kids yell out “WARMER” or “COLDER” as the pinner gets closer or farther from the target spot. At least that's how we used to play it! 😊
Basically this is it:



There's a comparator that compares two analog signals and puts out a digital one or zero indicating whether the voltage at its +

input is higher or lower than its -- input. There's a **digital-to-analog converter (DAC)** which does the opposite of the ADC, it turns that digital number into an analog voltage. And there's a **successive approximation register (SAR)**. That just means a *number generator that increases or decreases the number based on some input*. The SAR's digital output goes to the DAC and a copy goes to the computer.

So, the comparator is the group yelling ‘warmer’ or ‘colder’, the SAR is the pinner kid, and the DAC indicates where the pinner kid is at any given moment.

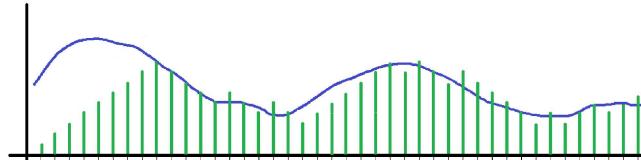
The DAC produces a reference voltage representing the current digital number. The comparator determines whether the signal is higher than that number. The SAR increases or decreases the number accordingly. And that repeats ad infinitum.

One other thing... There is a digital clock pulse going to the SAR that controls how fast it runs, and the software radio must know how much time there is between each clock tick. This is called the **sample rate**. There's a whole theory behind that. For more than you may want to know see [Nyquist-Shannon Sampling Theorem](https://en.wikipedia.org/wiki/Nyquist-Shannon_sampling_theorem).

https://en.wikipedia.org/wiki/Nyquist-Shannon_sampling_theorem

In a nutshell, we have to sample **faster** than **twice** the highest frequency of interest. So, to receive 30 MHz, the sample rate must be faster than 60 MHz. Getting accurate voltage readings that fast is not for the faint of heart! That's why software radios are a recent development, the technology just wasn't up to the task, at least not at a reasonable price.

Let's look at an example...



The blue line is the incoming analog signal, the green lines are the digital approximation. The spacing between the green lines is the sample rate.

Notice the green lines come in specific discrete values, the shortest on the left is a ONE, that's the smallest possible increment. Next is twice as long, then three times and so on. So, starting from the left, those green lines are: 1, 2, 3, 4, 5, 6, 7, 8, 9, that's the first peak. Then it's caught up and continues tracking the signal: 8, 7, 6, 5, 6, 5, 4... and so on. There are faster ways to settle in on the signal, but that's the basic idea.

That “one” (the shortest green line) is the smallest signal this ADC can detect. So in this example that blue line is a fairly weak signal. For more sensitivity either the signal needs to be amplified or the converter needs more bits (i.e. more resolution). Regular analog radios have the same limitation, Sensitivity is one of the specifications of any radio.

As you can see, at first the digital value is way off, but eventually it catches up. Then it's bobbing up and down around the signal. That bobbing up and down is called “dithering,” it *dithers* about the correct value.

Notice the dithering is rarely more than one away from the true value. That's when it's tracking well. If the signal is rising or falling quickly there may be a slight lag, but it's still captured fairly accurately. The dithering is a high frequency component that's easily filtered out by subsequent processing.

And voilà, there's our digital version of the signal.

Then what? We'll look at that next time, stay tuned.



73, Gary WB6YRU

ARRL News

From *The ARRL Letter*, Sept. 29, 2022

FCC Grants an ARRL Emergency Request to Permit Higher Data Rate Transmissions for Hurricane Relief Communications

The Federal Communications Commission (FCC) has granted an ARRL emergency request for a 60-day temporary waiver intended to facilitate amateur radio emergency communications for hurricane relief. The waiver was adopted on Tuesday, September 27, 2022, and immediately permitted amateur radio operators supporting amateur data transmission for Hurricane Ian traffic to employ a higher symbol rate for data transmissions than the current limit of 300 baud.

In its Order ([DA 22-1011](#)), the FCC concluded “that granting the requested waiver is in the public interest. Puerto Rico was recently hit by Hurricane Fiona and Hurricane Ian is predicted to cause significant damage, including disruption to electricity and communications services. Thus, to accommodate amateur radio operators assisting in the recovery efforts, we grant the ARRL’s waiver request for the period of 60 days from the date of this Order to operate in any parts of the United States and its territories impacted by hurricanes. The waiver is limited to amateur radio operators in the United States and its territories using publicly documented data protocols that are compatible with FCC rules, with the exception of the data rate limit waived here, for those directly involved with HF hurricane relief communications.” (<https://www.fcc.gov/document/wtb-grants-arrls-temporary-waiver-hurricane-relief>)

ARRL's request stated that trained amateur radio operators are working with emergency management officials and relief organizations to assist with disaster relief communications in anticipation of Hurricane Ian. ARRL sought the waiver for Amateur Radio Emergency Service® (ARES®) volunteers, and other amateur radio support groups working with federal, state, and local emergency management officials to assist with disaster relief.

Pursuant to ARRL's request and similar to written waivers granted by the FCC in earlier years, three conditions must be met to qualify. A protocol or mode exceeding the 300 baud symbol rate limit must be publicly documented, use no more bandwidth than the currently permissible slower protocols (generally accepted to be the bandwidth of an SSB signal, or 2.8 kHz), and be used solely for communications related to hurricane relief.

ARRL also explained that radio amateurs using higher-speed emissions for hurricane-related messages in the US and its territories must be able to communicate with similar stations in the US. They may also need the ability to communicate with Caribbean-based stations directly involved with hurricane relief efforts. Additionally, amateurs must be able to communicate with federal stations on the five channels in the 5 MHz band involved with the SHARES network and other interoperability partners on those frequencies.

ARRL also pointed out that the past FCC temporary waivers have allowed such protocols in similar events, including hurricanes Maria, Dorian, Laura, and Ida, typhoon relief communications in Hawaii, and wildfires in the western areas of the US.

In 2016, in response to an ARRL petition for rulemaking, the FCC proposed to remove the symbol rate limitations. It concluded that such limitations had become unnecessary due to advances in modulation techniques, and they no longer served a useful purpose.

That proceeding, WT Docket 16-239, is still pending.

From *The ARRL Letter*, Oct. 6, 2022

The Radio Society of Great Britain (RSGB) To Host The Transatlantic Centenary Tests

The Radio Society of Great Britain (RSGB) will host The Transatlantic Centenary Tests during December 2022. The international event celebrates the centenary of the transatlantic success of the RSGB in December 1922.

On December 24, 1922, the very first verified amateur radio signal from Europe was received in North America. The signal originated from the RSGB station (G)5WS at Wandsworth in South London, as part of the Third Transatlantic Tests.

Unlike the tests of the 1920s, which consisted of one-way communication, the December 2022 tests will encourage worldwide two-way communication with the United Kingdom and Crown Dependencies. There will be a series of awards available for making contacts with those who are activating special call signs.

For this centenary celebration, the RSGB has renewed five call signs, which they held in the 1920s:

G5WS, from the 1922 tests -- “the first to get across”

G5AT, from the 1923 tests

G6XX, from the 1923 tests

G6ZZ, used for the first amateur tests on a moving railway train in 1924

G3DR, Scottish Highlands Call -- GM3DR

These historic call signs will be activated by RSGB members and clubs, using G5WS, G5AT, G6XX, G6ZZ, G3DR (England), GM5WS (Scotland), GW5WS (Wales), GU5WS (Guernsey), GD5WS (Isle of Man), GJ5WS (Jersey), and GI5WS (Northern Ireland).

Full details of how to participate are available on the RSGB website at <https://rsgb.org/transatlantic-tests>.

Digital Library of Amateur Radio

The Digital Library of Amateur Radio and Communications (DLARC) continues to build its internet library and is looking for donations as the project moves forward. Funded by a grant of almost \$900,000 from Amateur Radio Digital Communications (ARDC), the DLARC's online, open-access resource will preserve the vital resources -- past, present, and future -- that document the history of amateur radio and communication. DLARC is now looking for partners and contributors with “Troves of ham radio, amateur radio, and early digital communications related books, magazines, documents, catalogs, manuals, and videos. Software, personal archives, and other historical records collections, no matter how big or small.” Learn more about the program at the [DLARC website](#), or by contacting Kay Savetz, K6KJN, Program Manager for special collections via email at kay@archive.org.

Meeting Minutes

General Meeting, Oct. 10, 2022



San Jose Red Cross, room 3

Meeting called to order by President Gregg Lane KF6FNA at 7:33 PM

Customary self introductions. Gary WB6YRU, Don K6PBQ, Janet KF6PUQ, Gwen KF6OTD, Lou WA6QYS, Truman N6TRU, Gregg KF6FNA. Visitors Doug KG6NBN, Mike KN6FQM.

Announcements

President Gregg KF6FNA:

Deadline for the newsletter is the last Monday of the month. The club station is in here at the Red Cross in the Santa Clara room. We have a vertical and inverted V. We'll be putting up a dipole and other antennas soon.

Wally KA6YMD is net control of our Thursday evening nets on 28.385 MHz USB

Oct 14-16 is the Pacificon 2022 amateur radio convention. We may start having our holiday dinner meeting again since the pandemic is winding down. Don K6PBQ will start looking into it. We'll discuss it at the board meeting.

Vice President Ned AC6YY:

We now have a radio for digital modes at the club station.

Station Trustee Don K6PBQ:

If you want to come down to operate the station on the last Saturday of the month or I can make arrangements. This November and December it won't be open because of the holidays. You can ask for me on our 2 m repeater, if I'm there I'll answer and can let you in if the door is locked.

Gregg KF6FNA: Elections are coming up. We nominate in October, elect in November.

Pres. Gregg KF6FNA will run for re-election if no one else will run.

Lou WA6QYS, Wally KA6YMD seconds

V.P. Ned AC6YY: I will run for re-election to V.P.

Truman N6TRU nominates Ned for VP, Don K6PBQ

Sec. Barbara KD6QEI won't run for re-election.

Treasurer Goetz K6GKB won't run for re-election.

Directors Ben KK6CCU and John W6JPP are up for re-election and we have one open seat. Wally KA6YMD and Lou WA6QYS still have one year to go. Truman N6TRU will run for director. Ned AC6YY nominates Truman for director, Don K6PBQ seconds.

Gregg KF6FNA: Meetings haven't been well attended lately. A speaker at a meeting might want more people. We can look into having a zoom meeting. The Red Cross may have an account, we can look into that.

We could have another picnic, maybe Saturday November 5, or 6, but the weather might be an issue.

Membership renewals are coming up. George N6NKT, our Red Cross rep will be looking into getting key-cards for more of us.

The board will consider giving him a complementary membership. Don K6PBQ: Regarding a possible Christmas dinner, we need to pick a day. Mondays are good. And prices have gone up recently, that may be an issue. Maybe a Denny's on Monday Dec. 12 is a possibility. Discussion about restaurants vs a pot-luck here at the Red Cross

Gary WB6YRU: For the next meeting, could Ned give us a primer on our digital sation? Ned agreed.

Gregg KF6FNA: Thanks to Ned AC6YY for setting up a station at the October picnic.

Ned AC6YY: I used the end-fed transformer kit described by the ARRL and it worked very well.

Meeting adjourned at 8:50 PM

Gary Mitchell WB6YRU, recording for the Secretary

Board Meeting, Oct. 17, 2022



Held verbally on our 2 m repeater W6UU/R

Meeting called to order by President Gregg Lane KF6FNA at 7:38 PM

Attendance:

President Gregg Lane KF6FNA; VP Ned Tufekcic AC6YY; Secretary Barbara Britten KD6QEI; Treasurer Goetz Brandt K6GKB; Station Trustee Don Village K6PBQ; Director Lou Steirer; WA6QYS; Director Wally Britten KA6YMD; Director John Parks W6JPP

Unexcused Absence: Director Ben Shuford, KK6CCU

Visitors: Editor Gary Mitchell WB6YRU, Truman N6TRU

Announcements:

Gregg KF6FNA:

The club station will be open in October, it's the one of the year. We'll have a picnic Nov. 5 or 6 depending on the weather. Oct. 31 is the deadline for the newsletter.

President's Report, Gregg KF6FNA: Nothing to report.

Vice President's Report, Ned AC6YY: Nothing to report.

Gregg KF6FNA: Will you be prepared to speak at the November meeting?

Ned AC6YY: yes I will.

Secretary's Report, Barbara KD6QEI:

I've been out of town recently, Gary has been taking the minutes. The September 19 board meeting minutes were published in the SCCARA-GRAM.

Gregg KF6FNA: Any corrections? (none heard)

Approved by acclamation

The Sept 12 general meeting minutes were also published, any corrections? (none heard)

Approved by acclamation

Treasurer's Report, Goetz K6GKB:

Checking = \$ 10880.97, cash = \$ 78.04 , Total = \$ 10959.01

Lou WA6QYS received the check for the picnic supplies, please cash it soon.

Trustee's Report, Don K6PBQ: The club station will be open October 10 AM to 5 PM, closed Nov. and Dec. for the holidays. I'll also be happy to open by request. Jan 28 will be the next regularly scheduled opening. Also, our Kenwood 440 radio is not working, I'll look into what it will cost to repair and will report back.

Standing Committees

Editor's report: Gary WB6YRU: We'll need an article regarding the elections, the deadline is the last Monday of the month. And thanks to Goetz K6GKB for his continuing contribution with articles.

BBS Sysop's report: Gary WB6YRU: Nothing new, the BBS is working normally.

Repeater chairman's report, Wally KA6YMD: Nothing new to report, both repeaters are working normally.

Repeater host Goetz K6GKB: It's keeps on going, nothing has been done to it.

John W6JPP: I've been trying Echolink and it has been working fine.

Webmaster's report, Wally KA6YMD: I've been updating the web site as info comes in. Once in a while I'm a bit late, but it does get done.

Old Business:

Gregg KF6FNA:

Two antennas at the Red Cross need to be installed. John W6JPP and Gary WB6YRU have volunteered. We'll get to that within the next few weeks. I need to coordinate with George our Red Cross liaison.

Gregg KF6FNA: We need a new Treasurer, still no one has volunteered. Any nominations?

Barbara KD6QEI: I talked to Lloyd, he said he'll think about it.

Gregg KF6FNA: I'll give him a call.

Gary WB6YRU: He'll need to re-join the club first.

Don K6PBQ: He was treasurer years ago, that's a plus.

New Business:

Gregg KF6FNA: We're looking into having another picnic on Nov. 5 or 6, probably 5.

Don K6PBQ: I like to do the BBQ, but I'll be out of town on the 5th. I'll be here on the 6th.

John W6JPP: I prefer Saturday.

Gregg KF6FNA: Regarding elections, we have some candidates for certain offices but we need more. I'll be making some phone calls. Any suggestions?

John W6JPP: I talked to Ben, he will be available Mondays again and will run for re-election as director. And I will too.

Gregg KF6FNA: What do people think about having a mail-in ballot?

Gary WB6YRU: We're having in-person meetings again, it's not necessary.

Wally KA6YMD: I did it before, and could handle it again.

Don K6PBQ: We could do both.

John W6JPP: It will be tricky to get ballots out and returned with elections happening at the next general meeting. Maybe have the club station be on and let them vote via the repeater.

Don K6PBQ: That might be a good idea.

Gregg KF6FNA: Votes are normally cast by secret ballot, on the air would be very public.

Wally KA6YMD: Gary what is your recollection from past election?

Gary WB6YRU: The bylaws spell out election options, I'd have to look it up (busy taking minutes now). Since we're have in-person meetings again, people who can't be there may send their proxies to the Secretary.

Wally KA6YMD: We may not be able to get proxies done in time for November's meeting.

Gregg KF6FNA: And we still don't know who all the candidates will be.

Gregg KF6FNA: We'll have a dinner meeting for the December meeting at the Denny's in Miliptas. A 20% gratuity will be added to our bills automatically (to cover the room). Announcement will be in the SCCARA-GRAM.

John W6JPP: Regarding speakers, at Pacifcon there was a lady, Sandy, that does surface-mount removal and repair, she would be available. Eric from Hailicraft. And another would be willing to do a zoom (on-line) presentation.

John W6JPP: We need a work party at the American Legion Post (where we store our antenna trailer) to lower an antenna for adjustments. Time and date to be announced. It's a Cushcraft A3S with add-ons. Looking for volunteers.

John W6JPP: Ned and I were talking about the club having a 3 or 4 day camp-out somewhere near the ocean, with radios. Just a suggestion.

Meeting adjourned at 8:18 PM

Gary Mitchell WB6YRU, recording for the Secretary

Packet Pieces

Downloaded from the BBS packet network:

Date: 14 Nov 2012 21:23
From: GM3YEW@GB7YEW
To: HUMOUR@WW
Subject: Jokes 23/10

An elderly man in Phoenix calls his son Bob in New York and says "I hate to ruin your day but your mother and I are divorcing. Forty-five years of misery is enough! I'm sick of her and I'm sick of talking about this! So call your sister in Boston and tell her." And then he hangs up.

The son frantically calls his sister who goes nuts upon hearing the news. She calls her father and yells "You are not getting a divorce! Bob and I will be there tomorrow. Until then don't do a single thing do you hear me?"

The father hangs up the phone turns to his wife and says "It worked! The kids are coming for a visit and they're paying their own way!"

As I was driving home from work one day I stopped to watch a local little League baseball game that was being played in a park near my home. As I sat down behind the bench on the first-base line I asked one of the boys what the score was.

"We're behind 14 to nothing" he answered with a smile.

"Really" I said. "I have to say you don't look very discouraged."

"Discouraged?" the boy asked with a puzzled look on his face. "Why should we be discouraged? We haven't been up to bat yet."

"Oh No!" he gasped as he surveyed the disaster before him. Never in his 40 years had he seen anything like it. How anyone could have survived he did not know. He could only hope that somewhere amid the overwhelming destruction he would find his 16-year-old son. Only the slim hope of finding Danny kept him from turning and fleeing the scene. He took a deep breath and proceeded. Walking was virtually impossible with so many things strewn across his path. He moved ahead slowly.

"Danny! Danny!" he whispered to himself. He tripped and almost fell several times. He heard someone or something move. At least he thought he did. Perhaps he was just hoping he did. He shook his head and felt his gut tighten. He couldn't understand how this could have happened. There was some light but not enough to see very much. Something cold and wet brushed against his hand. He jerked it away.

In desperation he took another step then cried out "Danny!" From a nearby pile of unidentified material he heard his son. "Yes Dad" he said in a voice so weak it could hardly be heard.

"It's time to get up and get ready for school" the man sighed. "And for heaven's sake clean up this room!"

FOLLOW YOUR DREAMS!

Except perhaps the one where you're naked in church.

Kinky is using a feather.

Perverted is using the whole chicken.

In just two days from now, tomorrow will be yesterday.

A bartender is just a pharmacist with a limited inventory.

The statement below is true.

The statement above is false.

I am a nobody.

Everyone tells me nobody is Perfect.

Therefore, I am Perfect.

I'm not your type.

I'm not inflatable.

Dyslexics Have More Nuf.

I have kleptomania but when it gets bad I take something for it.

Date: 10 Jul 2010 01:35
From: W1GMF@W1GMF
To: HUMOR@USA
Subject: Doctor Interview

During the course of being interviewed by the press, the noted doctor was asked by a reporter: "Doctor, did you ever make a serious mistake?"

The Doctor answered: "Yes. Once I cured a millionaire after just one visit."

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 and 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 (available from the club secretary or on our web site).

Topics:

Antennas, feed-lines, tuners: **NV6W, W6JPP, K6PBQ**

CW (Morse code): **NV6W, K6PBQ**

DX (long distance, propagation): **NV6W**

EchoLink: **K6GKB**

Emergency operating, preparedness: **WA6QYS**

HF operating techniques: **NV6W, K6PBQ**

Homebrew projects, construction: **WB6YRU**

Legal, FCC rules: **WB6YRU**

License testing, new amateurs: **W6JPP**

Lightning protection, grounding: **WB6YRU**

Packet Network (BBS, forwarding): **WB6YRU**

SCCARA (club inner workings): **K6PBQ, WB6YRU, WA6QYS**

Station set-up, equipment: **K6PBQ, W6JPP**

TVI, RFI: **WB6YRU**

Contacts:

K6GKB, Goetz Brandt, 408-259-7287

e-mail: goetz@ix.netcom.com

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

W6JPP, John Parks
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 N0ARY
e-mail: wb6yru@ix.netcom.com

Newsletter Notes

We all vote this November 8 (unless you already mailed it in). SCCARA is having its elections too! That will be at our November 14 meeting. We still need at least one candidate each for Secretary, Treasurer, and one director. There will be one last chance for nominations before we vote. Please consider it.



Did you notice Don's article about our December meeting? Traditionally it has been a holiday dinner meeting. Now that we've all had our covid shots (we HAVE, haven't we?), we can start doing those again! It's good to be getting back to normal. I hope this means we'll resume doing Field Day as a club too.



73, Gary WB6YRU, editor

**SCCARA**

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

**FIRST CLASS****ADDRESS SERVICE REQUESTED****SCCARA Membership Form for 2023**

If renewing and none of your info has changed, we only need your name and call

Name: _____ Call: _____ Class: _____

Address: _____ Licensed since (year): _____

City: _____ State: _____ Zip+4: _____

Telephone: _____ New Member Renewal I'm also an ARRL member

E-mail: _____

only for club communications and the SCCARA-GRAM newsletter (pdf)

Membership type and dues: **Individual, \$20** **Family, \$25** **Student, \$10 (under 18)**

Memberships start January 1 and expire December 31.

Family memberships (more than one member per household): please include the above info for each member, use separate forms.

New members:Dues are prorated: dues x (11 - month) x 10% For example: July would be \$20 x (11-7) x 0.1 = \$8
If joining in November or December: normal dues for next year, the rest of this year is included free.**I want the paper newsletter delivered by U.S. Mail for an additional \$15 per year**

(Prorated, \$1.25 per month. That's \$13.75 if starting in February, \$12.50 if starting in March, etc.)

\$ _____ **Total** enclosed

Give this completed form and payment to the Secretary or Treasurer at any meeting or mail to the club address.