

# SCCARA-GRAM



## Santa Clara County Amateur Radio Association

Volume 47, Number 12

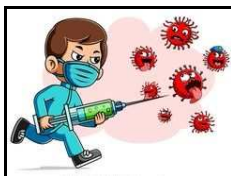
December 2022



## Meetings & Gatherings

Our in-person meetings have resumed. The board meetings are still being held on our 2 m repeater, but December's board meeting is cancelled.

The average number of new covid cases daily in Santa Clara County is now 309 (165 last month). The Santa Clara County Health Dept. has rescinded the last mandatory restrictions, but masks are still recommended indoors and around others. **Vaccination with the latest omicron bivalent booster is strongly recommended.** In Santa Clara County 24.3% have received the bivalent booster (15.8% last month).



## Dinner Meeting

We are resuming our annual December holiday dinner meetings!

This one will be on our usual meeting night, Monday December 12<sup>th</sup> but at 6 PM instead of 7:30. It will be at Denny's 333 S. Abbott Ave. in Milpitas. It's near HWY 237 and HWY 880. From San Jose go north on 880, exit at Calaveras (east), then turn right (south) on S. Abbott Ave and follow it around to Denny's. 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, every family gets a separate check. A 20% tip will be automatically included.

Happy Holidays!



73, Don K6PBQ

## TCXO

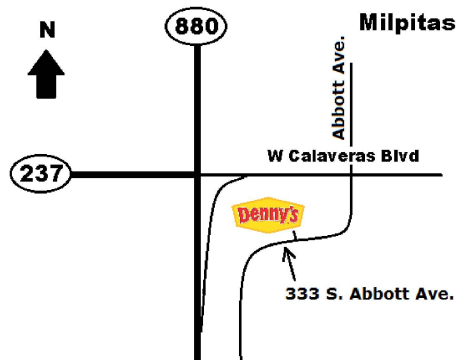
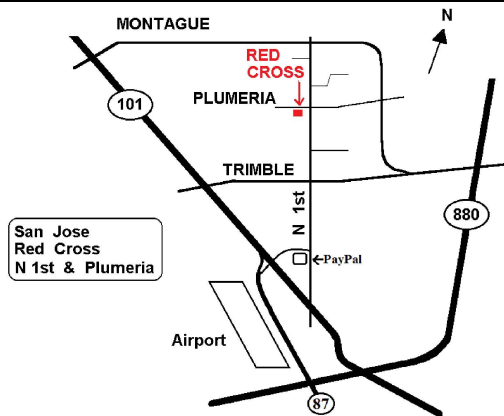
It is embarrassing to admit, but I live in an aquarium type house made of glass walls that behaves like a greenhouse. When it gets hot outside, it gets steamy hot inside and when it gets cold outside I can see my breath inside. The price of Propane is so high that I can't afford to heat the house and even when I tried years ago, the heater couldn't keep up to all that single pane glass walls.

## Calendar

- 12/12 SCCARA General Meeting--Dinner meeting!
- 12/19 SCCARA Board Meeting: **Cancelled!**

## General Meeting

- Day: Monday, December 12
- Time: 6:00 PM
- Place: Denny's, Milpitas
- Featuring: Dinner and Ned AC6YY will tell us about our new HF digital radio.



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/sccara](http://www.qsl.net/sccara)

club email: [w6uw@arrl.net](mailto:w6uw@arrl.net) or [w6uw@sbcglobal.net](mailto:w6uw@sbcglobal.net)

#### BOARD OF DIRECTORS

(officers are also directors)

President	Gregg Lane KF6FNA	408-393-5607
	e-mail: <a href="mailto:kf6fna@comcast.net">kf6fna@comcast.net</a>	
Vice President	Ned Tufekcic AC6YY	408-690-7250
	<a href="mailto:t94nt@hotmail.com">t94nt@hotmail.com</a>	
Secretary	Barbara Britten, KD6QEI	408-293-3847
	e-mail: <a href="mailto:kd6qei@arrl.net">kd6qei@arrl.net</a>	
Treasurer	Goetz Brandt, K6GKB	408-259-7287
	e-mail: <a href="mailto:goetz@ix.netcom.com">goetz@ix.netcom.com</a>	
Station Trustee	Don Village, K6PBQ	408-263-2789
	e-mail: <a href="mailto:donvillage7@yahoo.com">donvillage7@yahoo.com</a>	
Director	Wally Britten, KA6YMD	408-891-1105
	e-mail: <a href="mailto:ka6ymd@arrl.net">ka6ymd@arrl.net</a>	
Director	John Parks, W6JPP	
	e-mail: <a href="mailto:w6jpp@arrl.net">w6jpp@arrl.net</a>	
Director	Ben Shuford, KK6CCU	408-429-5370
	e-mail: <a href="mailto:bshu288519@aol.com">bshu288519@aol.com</a>	
Director	Lou Steirer, WA6QYS	408-241-7999
	e-mail: <a href="mailto:wa6qys@aol.com">wa6qys@aol.com</a>	
Director	(vacant)	
	e-mail:	

#### COMMITTEES

Editor	Gary Mitchell, WB6YRU	408-269-2924
	e-mail: <a href="mailto:wb6yru@ix.netcom.com">wb6yru@ix.netcom.com</a>	
Repeater	Wally Britten, KA6YMD	408-891-1105
	e-mail: <a href="mailto:ka6ymd@arrl.net">ka6ymd@arrl.net</a>	
NØARY BBS	Gary Mitchell, WB6YRU	408-269-2924
	e-mail: <a href="mailto:wb6yru@ix.netcom.com">wb6yru@ix.netcom.com</a>	
Webmaster	Wally Britten, KA6YMD	408-891-1105
	e-mail: <a href="mailto:ka6ymd@arrl.net">ka6ymd@arrl.net</a>	

#### 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.

#### NØARY PACKET BBS

SCCARA hosts the packet BBS NØARY (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](http://ncpa.n0ary.org).

#### AMATEUR LICENSE TESTING

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

Long ago I got in my head that these extremes of temperature could affect the output of the reference crystal used as the basis for synthesizing the frequencies of my transceivers. ICOM has been providing me with an accessory that guarantees +/- 0.5ppm stability. Easy to install, the crystal is cocooned in an oven which is taken to a temperature in excess of any possible ambient temperature. Special circuitry precisely controls the temperature of the oven and the output of the crystal is electronically trimmed to the value desired. Temperature Controlled Xrystal Oscillators (TCXO) are what they are called and they have been around forever.

Consulting Wikipedia, I found that an enhancement was to enclose the basic oven in a second oven. More recently, all manufacturers are including this feature as a standard part of their radios. In fact my latest ICOM radio, the IC-7800 comes standard with a +/- 0.05ppm TCXO!

Some might remember that some years ago I entered the ARRL frequency measuring contest. I triumphantly sent in my results and found out that I was dead on at 1 Hz, only to find out that the pros take it to 1/100th Hz. No cigar!

We have come a long way since we tuned an SSB radio with an analog dial and used our ears to match the incoming signal. Today, the digital reading on your dial is frequency you are listening to as well as radiating into space!



Goetz Brandt, K6GKB

## Club Station

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



73, Don Village K6PBQ

## DIY

One of the simplest and most useful items you can have in your "Go Kit" is a ham radio jumper cable. I made mine out of 8 gauge black and red zip cord. At one end is a pair of black and red alligator clips and at the other end is the classic Anderson power pole black and red connector. Twenty five feet in length, color coded from one end to the other for polarity, this cable allows me to run any of my 13 volt radios from a power source that is always available, namely the car battery under the hood of my Camry. For me personally, this has the advantage that with the engine running, the charging voltage gives my ICOM radios an extra 50% power over the passive 12 volts available from most batteries.

This cable allowed me to pull up to the picnic table next to the Collins Discone Antenna at the Titan Missile site in Green Valley Arizona and connect my ICOM IC-706MKIIG. I put the radio on the picnic table, ran the jumper cable from the car battery to the radio and then attached the local ham club provided coax to the radio's antenna connector. The rest is history as I talked to my buddies on the Rhubarb Net using 40 meters, well within the spectrum of this awesome 80 foot tall monster.

I would think this cable or one like it would be a must

have for those wishing to be ready for a communications emergency.



Goetz Brandt, K6GKB

## ARRL News

From *The ARRL Letter*, Oct. 27, 2022

### Activity and Awards Increase at 222 and 1296 MHz using Moon-bounce (EME).

Interest in ARRL VHF and above [Worked All States](#) Awards (WAS) continues its flurry of activity, now on the 1296 MHz band. <http://www.arrl.org/was>

As we reported in ARRL News in [January](#), there have been several new-generation additions to the Worked All States Awards, now at 222 MHz (1.25 Meters) and at 1296 MHz (23 cm).

The original rush to 1.25 Meters WAS began in the early '80s with the first 10 WAS Awards. More recently, the [1.25 Meters WAS ranks](#) have grown to 16, with recent achievers including: #13 John Swiniarski, K1OR, of Pelham, NH; #14 David Kerl, N9HF, Ormond Beach, FL; #15 Ray Rector, Jr., WA4NJP, Gillsville, GA; and #16 Charles Betz, N0AKC, Eau Claire, WI.

Frank Potts, NC1I, of Southwick, Massachusetts, visited ARRL headquarters in September, receiving his #4 1296 MHz WAS Award certificate.



An energized pool of rovers activating rare states at both 222 and 1296 MHz have recently contributed to the chase - with the addition of four new 1296 MHz WAS Award recipients: in early September, 1296 MHz WAS Award #4 was awarded to Frank Potts, NC1I, of Southwick, MA; in late September, WAS Award #5 was awarded to Vlada Masek, OK1KIR, of the Czech Republic; and also in late September, WAS Award #6 was issued to HB9Q (DX Group HB9CRQ) in Switzerland. In late October, Zdenek Samek, OK1DFC (also in the Czech Republic) was awarded WAS Award #7.

Recent award efforts accentuated a 14-year history of increased activity on the band, starting in the summer of 2007, when 1296 MHz WAS Award #1 was achieved by Al Ward, W5LUA, followed by Jay Liebmann, K5JL, who achieved 1296 MHz WAS Award #2. In August 2021, Al Katz, K2UYH, earned WAS Award #3 (Katz is known worldwide for supporting the EME -- Earth-Moon-Earth -- community with his [432 and Above EME Newsletter](#) from 1995 to present, as well as earning the first 432 MHz Worked All Continents [WAC] Award in 1976).

Many 23-centimeter operators have benefitted from the flurry of portable and rare state activations during the past 2 decades, by Gary Perryman, WA5WCP, and Pete Van Horne, KA6U (activating rare States Nationwide); Gene Shea, KB7Q, and Gary Lauterbach, K6MG (activating Western States); and the NC1I team (activating States throughout New England).

“These rover operations substantially benefitted DX Stations,

including the likes of OK1KIR, HB9Q (known for many things VHF+, including their [EME scheduling/logger page](#)); and OK1DFC (well known for his Septum Parabolic Dish Feeds and other Microwave-Band support hardware, [detailed on QRZ](#)),” said ARRL Radiosport Manager Bart Jahnke, W9JJ. “It is important to realize that these DX-location 1296 MHz WAS Award winners had to contact all 50 states via Moonbounce.”

<https://hb9q.ch/>  
<https://www.qrz.com/db/OK1DFC>

“The new class of 222 and 1296 MHz WAS Award recipients sought these awards often during efforts of several decades, and as such they deserve recognition. Congratulations to all of the newest 222 and 1296 MHz WAS Award recipients on their extraordinary accomplishments,” said Jahnke. “Heartfelt thanks to those rovers and support groups who continue to help make these EME and beyond-line-of-sight contacts happen!”

For more information on the Worked All States Awards, visit [www.arrl.org/was](http://www.arrl.org/was).

Thanks to ARRL Radiosport Manager Bart Jahnke, W9JJ for information included in this story.

From *The ARRL Letter*, Nov. 03, 2022

### ARRL Northwestern Division Director Mike Ritz, W7VO, presented the 2021 ARRL Technical Innovation Award to Steve Haynal, KF7O, creator of the Hermes-Lite software-defined radio (SDR).

“This long-overdue presentation was made during the October 27, 2022, meeting of the [Willamette Valley DX Club](#),” said Ritz. The ARRL Board of Directors bestowed the 2021 ARRL Technical Innovation Award to Haynal during its September 2021 meeting. Haynal was cited as the instrumental and driving force behind the Hermes-Lite 5 W HF SDR transceiver being a fully open-source hardware and software project. More information about [Hermes-Lite](#) is available on their website.

<https://wvdx.org/>  
<http://www.hermeslite.com/>

From *The ARRL Letter*, Nov. 23, 2022

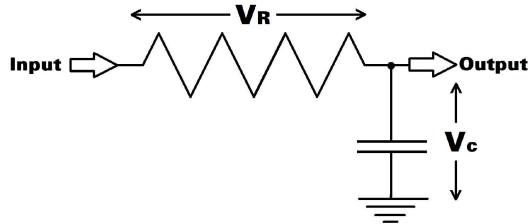
### Amateur radio operators who like to track balloons now have multiple targets.

Earlier this week, three pico balloons were launched from Neumayer Station III in Antarctica, a German Antarctic research station of the Alfred-Wegener-Institut. Todd J. McKinney, KN4TPG, from the University of Alabama in Huntsville, is at the facility and will be launching a series of 20- and 10-meter Weak Signal Propagation Reporter (WSPR) balloons. Look for them on <https://aprs.fi> and <https://amateur.sondehub.org> under the call signs: K4UAH-1, -2, -3, -4, -5, -6, and -7, as well as W5KUB-114 and -115. Actual WSPR call signs on 20 meters are: KN4TPG, KW5GP, KM4LVC, WB8ELK, KM4YHI, KM4ZIA, and KD9UQB. On 10 meters, the WSPR call sign will be WB4VHF. Amateur radio operators with WSPR stations that have directional antennas, or Beverage-style antennas, are needed to monitor the 20-meter WSPR band and turn their antennas toward Antarctica. KN4TPG and KW5GP are approaching McMurdo Station to the south of Australia and New Zealand.

# Analog to Digital and Software Radios, pt 2

Last time we looked at how an analog signal from the antenna can be converted into a stream of digital numbers. Now let's see how software can act on those numbers the same way an actual circuit in a radio would act on an analog signal.

There are many individual components and circuits in a radio, but there's none of that in a software defined radio (SDR), it's running a *simulation* of all those circuits. Let's consider just a simple example, the familiar low-pass RC filter:



If you'll recall, the time constant is  $RC$  and  $1/RC$  is typically considered the cut-off frequency. What we want is a simulation that does the same thing with the digitized signal that a real RC filter does to an analog signal.

You've probably seen this in the ARRL Handbook or other references. With a supply voltage  $V$  applied at the input, after a period of time the voltage across the capacitor is given from this formula:

$$V_c = V (1 - e^{-t/(RC)})$$

Now, in this case, the input is a signal, not some static voltage. Likewise the output,  $V_c$ , will change as the capacitor charges and discharges. We need to allow for that:

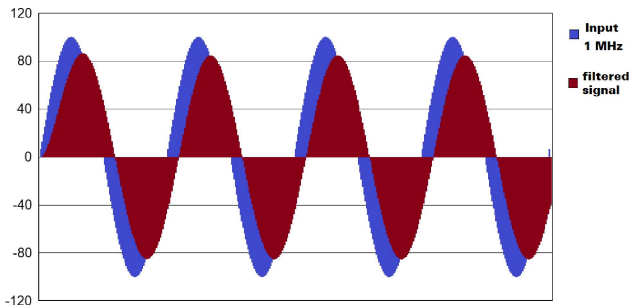
$$V_c(t) = (V(t) - V_r(t)) (1 - e^{-t/(RC)})$$

This has to be calculated for each period of time  $t$ . We'll get a new value during every sample period--which will be quite fast at RF frequencies. Suppose the software radio receives up to 30 MHz. For a reasonable sample, the analog-to-digital convert must run more than twice that fast, say 100 MHz. So the time period,  $t$ , will be 10 ns or  $10^{-8}$  seconds.

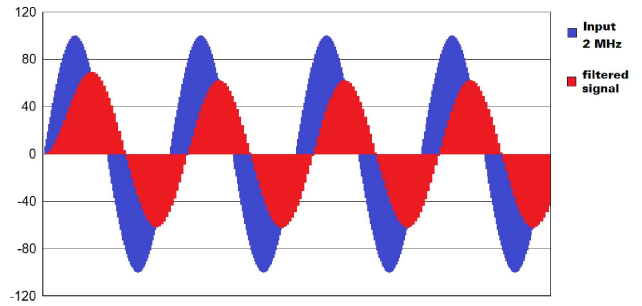
Lets pick some values for resistor and capacitor, 1 k  $\Omega$  and 100 pF. Now we have  $R$ ,  $C$ , and  $t$ . The only thing remaining is the input, let's use a basic sine wave at some frequency.

We expect there to be a gradual cut-off and the signal will be phase-shifted somewhat. Higher frequencies will be attenuated more, lower frequencies attenuated less. In this case a 10 MHz signal will be reduced in amplitude and its phase delayed. A 20 MHz will be reduced even more. However, a 5 MHz signal will be reduced less and phase shifted less, a 2 MHz even less, and a 1 MHz even less still--almost passing through unaffected. Or it *should*--the simulation needs to do that.

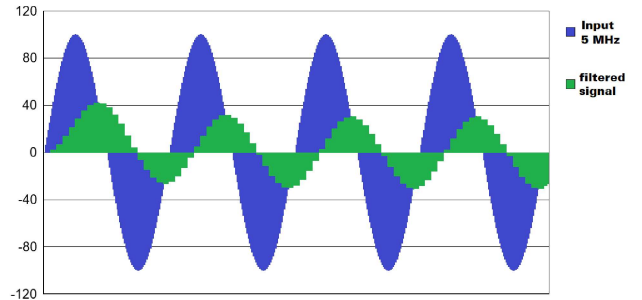
Drum-roll please... And the results are:



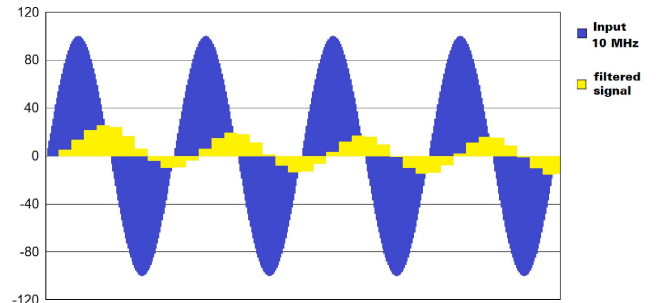
1 MHz, 100 samples at 100 MHz sample rate. The output amplitude is about 85% of the input.



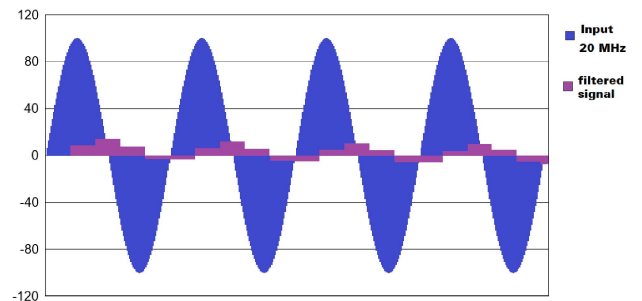
2 MHz, 50 samples at 100 MHz sample rate. The output amplitude is about 62% of the input.



5 MHz, 20 samples at 100 MHz sample rate. The output amplitude is about 30% of the input.



10 MHz, 10 samples at 100 MHz sample rate. The output amplitude is about 16% of the input.

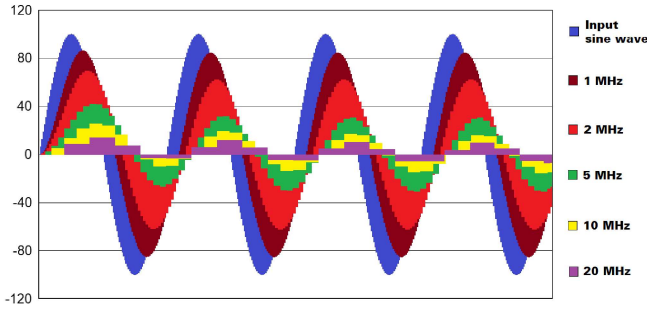


20 MHz, 5 samples at 100 MHz sample rate. The output amplitude is about 10% of the input.

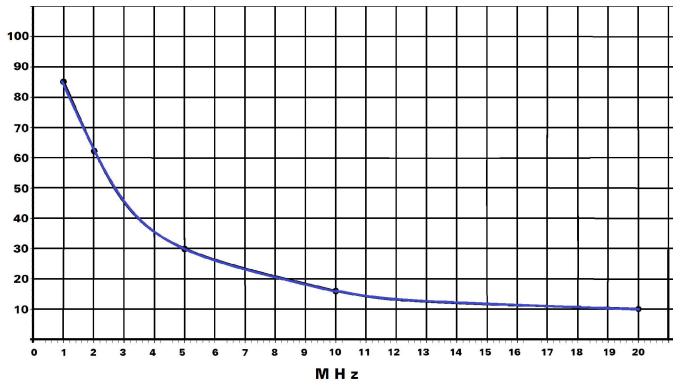
Notice the resolution of the outputs at higher frequencies is rougher and it's smoother at the lower frequencies. That's because there are fewer samples at the higher frequencies. Also notice the phase delay is more with higher frequencies, approaching 90°. On the other hand, the phase shift at the low

frequency (1 MHz) is approaching 0° degrees.

Just for perspective, here they all are superimposed for easier comparison:



Plotting the response, output amplitude vs frequency:



So, this digital representation of an RC filter is behaving pretty much as expected of a real RC filter. If the output data stream were converted back to analog, it would appear to be an analog signal that went through an actual RC filter.

And since this all just equations in software, it can be easily tweaked for whatever response we would like. More about that next time.



73, Gary WB6YRU

## Meeting Minutes

### General Meeting, Nov. 14, 2022



San Jose Red Cross, room 3

Meeting called to order by Pres. Gregg Lane KF6FNA at 7:42 PM

Customary self introductions.

#### Announcements

President Gregg KF6FNA:

Our December meeting will be a holiday dinner, starting at 6 PM, Denny's at 333 S Abbot Milpitas off 880 and Calavarias BLVD. Membership renewals are due January 1, 2023.

Club station won't be open the last Sat. of November and December because of the holidays. But Don K6PBQ will open on request.

Wally KA6YMD hosts the weekly net on Thursdays at 8 pm on 28.385 USB.

Our 2 m nets are Monday's at 7:30 PM, except our meeting night. Board meetings are on the 3rd Mondays on the repeater after the net.

John Parks W6JPP was at Pacificon got membership forms for the ARRL. If we get people to sign up, SCCARA can get some money, he will get the details for that.

Lou WA6QYS: Sweepstakes are this weekend

Club elections:

Candidates for 2023 are:

President: Gregg Lane KF6FNA

Vice President: John Parks W6JPP

Secretary: Lloyd DeVaughns KD6FJI

Treasurer: Ned Tufekcic AC6YY

Directors (3):

Ben Shuford KK6CCU

Truman Lindsey N6TRU

Doug Owens KG6NBN

John W6JPP moves to close nominations

Ned AC6YY seconds

The slate is voted in unanimously.

Gregg KF6FNA:

Don K6PBQ is our Station Trustee, it's an appointed officer.

Gary WB6YRU is our editor, appointed.

Wally KA6YMD is our repeater chair and web master, appointed

Goetz K6GKB hosts our 2 m repeater.

Thanks to all who served up to now and to all who will serve next year.

In the future here at the Red Cross, we're looking into possibly having speakers show up virtually using Zoom.

Possible future speakers:

Greg Milton KJ6ER on "Parks on the Air"

Susan Wood of Elecraft on "Emergency Surface Mount Repair"

John W6JPP: The ARRL has an activity Jan 22-28 Quartz-fest annual winter gathering camp-out, it's in Arizona, small town of Quartzite near border with CA.

Truman N6TRU: There's the N7RCA swap meet, June 3, 2023 in Minden NV, it's free to sellers and buyers.

Don K6PBQ: Rusty gave me an Extra Class License book to give away to anyone who wants it.

Gregg KF6FNA: We'll have a work party soon for the needed antenna work on the roof of the Red Cross for our club station.

Meeting adjourned at 8:38 PM

Gary Mitchell WB6YRU recording for the Secretary

### Board Meeting, Nov. 21, 2022



Held verbally on our 2 m repeater W6UU/R

Meeting called to order by Pres. Gregg Lane KF6FNA at 7:41 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, Director Ben Shuford KK6CCU.

Visitors: Editor Gary Mitchell WB6YRU, Truman N6TRU, American Legion Post N6SJJL, Doug KG6NBN.

Announcements:

Gregg KF6FNA:

The club station will not be open later this month nor December, except by special arrangement.

Nov. 28 is the newsletter deadline.

December's general meeting will be a holiday dinner, Monday Dec. 12, at 6 PM, at Denny's 333 So. Abbot in Milpitas.

President's Report, Gregg KF6FNA: There won't be a board meeting in December.

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

John W6JPP: How mentioning the Quartzite-fest?

Ned AC6YY: John and my wife and I will be going to Quartzite-fest in Arizona Jan. 26-28.

Secretary's Report, Barbara KD6QEI:

The previous board meeting minutes were published in the SCCARA-GRAM.

October 10 general meeting minutes - no corrections

October 17 board meeting minutes - no corrections

Both approved by acclamation.

Treasurer's Report, Goetz K6GKB:

Checking = \$ 10621.61, Cash = \$ 118.04, Total = \$ 10739.65

Trustee's Report, Don K6PBQ:

The club station will be open as normal starting in January. Our Kenwood TS-440 radio has been repaired. Our Kenwood TS-450 needs repair. We have two antennas working antennas, a dipole and a vertical.

Standing Committees

Editor's report, Gary WB6YRU: Not much new to report. Thanks to Goetz K6GKB for his many articles.

BBS Sysop's report, Gary WB6YRU: Nothing new to report, it's working normally.

Repeater chairman's report, Wally KA6YMD: No problems with either repeater. If anyone notices something, let me know.

Goetz K6GKB (2 m repeater host): Nothing new to report, it's working fine.

Webmaster's report, Wally KA6YMD: There were a few pages with info that was a bit stale, I removed those items and will put in new info as it becomes available.

Special Committee(s):

Membership committee, Ben KK6CCU: Nothing new to report. I am working on a couple of things, more on that later.

Old Business:

Gregg KF6FNA: We have some work to do on the antennas at the Red Cross, need to coordinate with George N6NKT. One item on the to-do list is a broken balun.

Ned AC6YY: We can make whatever baluns we need.

Gregg KF6FNA: Myself, John W6JPP, and Gary WB6YRU are on the list to help do the work.

Greg KG6NBN: I'd be happy to help with any "dumb labor."

John W6JPP: If we need any pallets for the roof work, I've got some, two sizes.

Gregg KF6FNA: We will need a couple of pallets.

Also, our antenna trailer, which is being stored at the American Legion Post, may need a little maintenance, when there's a date for that we'll need a couple of volunteers.

John W6JPP: The trailer work might have to be on a Friday or Sunday. The Legion Post is booked up to 3 years in advance, so we'll have to coordinate around those events.

Gregg KF6FNA: The results of the club elections for 2023 are:

Pres. Gregg Lane KF6FNA

V.P. John Parks W6JPP

Sec. Lloyd DeVaughns KD6FJI

Treas. Ned Tufekcic AC6YY

Directors: Truman Lindsey N6TRU, Ben Shuford KK6CCU, and Doug Owens KG6NBN

And thanks to the following for their continuing work:

Lou WA6QYS, director

Wally KA6YMD, director

Don K6PBQ, station trustee

Wally KA6YMD, web master and repeater chair

Gary WB6YRU, editor and BBS chair

The new officers will be sworn in at the general meeting in December (holiday dinner).

Gregg KF6FNA: We'll need to get a zoom account to have on-line meetings.

Ned AC6YY: We have candidate speakers who would be with us using zoom, but in person is a little more difficult. The cost of zoom varies depending on what's needed. I'll have to look into it.

John W6JPP made the following motion:

As a "thank you" to our outgoing treasure, I propose we pay for his meal at the holiday meeting.

Goetz K6GKB: That's totally unnecessary.

Don K6PBQ: Seconded

Votes:

Ned AC6YY: respecting Goetz' wish, NO

Barbara KD6QEI: respecting Goetz' wish, NO

Lou WA6QYS: respecting Goetz' wish, NO

Wally KA6YMD: NO

John W6JPP: respecting Goetz' wish, NO

Don K6PBQ: NO

Gregg KF6FNA: The motion fails. Thank you, Goetz, for your service.

Don K6PBQ: We'll need a notice in the SCCARA-GRAM that there's no board meeting in December.

New Business: (none)

Meeting adjourned at 8:15 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 22/10

-----

AND THAT'S HOW THE FIGHT STARTED...

Saturday morning I got up early, quietly dressed, made my lunch, grabbed the dog, and slipped quietly into the garage. I hooked up the boat up to the truck and proceeded to back out into a torrential downpour. The wind was blowing 50 mph so I pulled back into the garage turned on the radio and discovered that the weather would be bad all day.

I went back into the house quietly undressed and slipped back into bed. I cuddled up to my wife's back now with a different anticipation, and whispered "The weather out there is terrible."

My loving wife of 10 years replied "Can you believe my stupid husband is out fishing in that?"

And that's how the fight started ...

\*\*\*\*

I took my wife to a restaurant. The waiter for some reason took my order first. "I'll have the strip steak very rare please."

He said "Aren't you worried about the mad cow?"

"Nah" I said "she can order for herself."

And that's how the fight started ...

\*\*\*\*

My wife and I were sitting at a table at my high school reunion and I kept staring at a drunken lady swigging her drink as she sat alone at a nearby table.

My wife asked "Do you know her?"

"Yes" I sighed "she's my old girlfriend. I understand she took to drinking right after we split up those many years ago and I hear she hasn't been sober since."

"My God!" says my wife "Who would think a person could go on celebrating that long?"

And that's how the fight started ...

\*\*\*\*

A woman is standing nude looking in the bedroom mirror. She is not happy with what she sees and says to her husband "I feel horrible I look old fat and ugly. I really need you to pay me a compliment."

The husband replies "Your eyesight's darn near perfect."

And that's how the fight started...

=====  
Date: 28 Mar 2011 00:22  
From: W1GMF@W1GMF  
To: HUMOR@USA  
Subject: CEO Blunder  
-----

The CEO was scheduled to speak at an important convention so he asked one of his employees, Jenkins, to write him a punch 20-minute speech. When the CEO returned from the big event, he was furious.

"What's the idea of writing me an hour-long speech?", he demanded. "Half the audience walked out before I finished."

Jenkins was baffled. "I wrote you a 20-minute speech," he replied. "I also gave you the two extra copies you asked for."

## 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](mailto:goetz@ix.netcom.com)

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

W6JPP, John Parks  
e-mail: [w6jpp@arrl.net](mailto:w6jpp@arrl.net)

K6PBQ, Don Village, 408-263-2789  
e-mail: [donvillage7@yahoo.com](mailto:donvillage7@yahoo.com)

WA6QYS, Lou Steirer, 408-241-7999  
e-mail: [wa6qys@arrl.net](mailto:wa6qys@arrl.net)

WB6YRU, Gary Mitchell, 408-269-2924  
packet: home BBS N0ARY  
e-mail: [wb6yru@ix.netcom.com](mailto:wb6yru@ix.netcom.com)

---

## Newsletter Notes

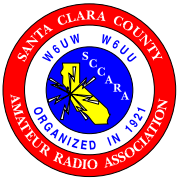
We had our club elections at the November meeting. Oddly enough, nothing was submitted to the *SCCARA-GRAM* about it. Well, the results are in the minutes (above). It looked like we might not fill some of the offices, but enough members stepped up to the plate and we did. Thanks everyone!

And a special thank you to Goetz K6GKB for his many articles! Instead of winding down at the end of the year, he gave us two for December. Hopefully he inspired some of you to contribute something too... he inspired me.

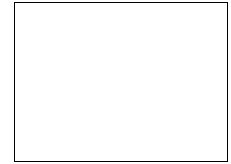


73, Gary WB6YRU, editor





**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.