

SCCARA-GRAM



Santa Clara County Amateur Radio Association

Volume 47, Number 1

January 2022



Meetings & Gatherings

Our in-person meetings are still canceled due to the Covid-19 pandemic. The board meeting will be held verbally at the normal day and time on our 2 m repeater immediately following the Monday night net.

Statewide 70.9% are now fully vaccinated (67.6% last month), 44.7% have received the booster. In Santa Clara County it's 81.3% for all ages (77.5% last month), 52.8% have received the booster. The latest evidence shows the booster significantly increases protection against the Omega variant. You may still have to make an appointment, but the booster is available everywhere, including many pharmacies.



Club Elections

Here's the election status as of December 27:

Ballots were sent to all 41 members. A simple majority is required to be elected, that's 21 affirmative votes. Only 18 ballots have been received so far. So...



If you haven't sent in your ballot yet, PLEASE email it in right now. We're waiting for your vote!

Wally KA6YMD is collecting the ballots, email it to: ka6ymd@sbcglobal.net.

The candidates are:

President	Gregg Lane KF6FNA
Vice Pres	Ned Tufekcic AC6YY
Secretary	Barbara Britten KD6QEI
Treasurer	Goetz Brandt K6GKB
Director	Wally Britten KA6YMD
Director	Lou Steirer WA6QYS

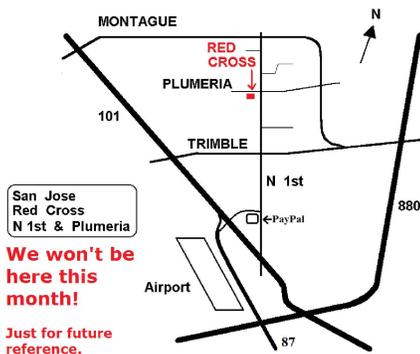
Vote for them all at once (affirm all or deny all) or individually.

Calendar

- 1/10 **SCCARA General Meeting -- canceled**
- 1/17 **SCCARA Board Meeting:** On our 2 m repeater after the net at 7:30 PM)
- 1/29 **SCCARA station open, 10 AM - 4 PM**

General Meeting

Day: Monday, Jan. 10 -- **Canceled**
 Time:
 Place:



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

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	
Vice President	Ned Tufekcic AC6YY	408-690-7250
	t94nt@hotmail.com	
Secretary	Barbara Britten, KD6QEI	408-293-3847
	e-mail: kd6qei@arrl.net	
Treasurer	Goetz Brandt, K6GKB	408-259-7287
	e-mail: goetz@ix.netcom.com	
Station Trustee	Don Village, K6PBQ	408-263-2789
	e-mail: donvillage7@yahoo.com	
Director	Wally Britten, KA6YMD	408-891-1105
	e-mail: ka6ymd@arrl.net	
Director	John Parks, W6JPP	
	e-mail: w6jpp@arrl.net	
Director	James Rustermier, K16ZSK	408- 972-1689
	e-mail: rustermier@gmail.com	
Director	Ben Shuford, KK6CCU	408-429-5370
	e-mail: bshu288519@aol.com	
Director	Lou Steirer, WA6QYS	408-241-7999
	e-mail: w6qys@aol.com	

COMMITTEES

Editor	Gary Mitchell, WB6YRU	408-269-2924
	e-mail: w66yru@ix.netcom.com	
Repeater	Wally Britten, KA6YMD	408-891-1105
	e-mail: ka6ymd@arrl.net	
N0ARY BBS	Gary Mitchell, WB6YRU	408-269-2924
	e-mail: w66yru@ix.netcom.com	
Webmaster	Wally Britten, KA6YMD	408-891-1105
	e-mail: ka6ymd@arrl.net	

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

Happy New Year to one and all. Hope everyone had a great holiday season.

We will open up our club station at the Red Cross for our members to come down to operate. We will be there on Saturday, January 29, from 10 AM to 4 PM.



73, Don Village K6PBQ

ARRL News

From *The ARRL Letter*, Dec. 9, 2021

Senator Blumenthal Supports Amateur Radio at Senate Confirmation Hearing



U.S. Senator Richard Blumenthal (D-CT) received an affirmative reply from FCC Chairwoman Jessica Rosenworcel when he asked her to commit to providing his office "an update on the steps that the FCC is taking to support amateur radio operators." The Senator posed the written question as part of Rosenworcel's renomination hearing conducted by the Senate Commerce, Science, and Transportation

Committee.

Blumenthal noted specifically that "Radio amateurs voluntarily provide an array of public services, especially emergency and disaster-related support communications when infrastructure has been destroyed by a hurricane or similar disaster. Their contributions in this area are regularly recognized by local and state authorities."

"ARRL is grateful to Senator Blumenthal for his support and recognition of radio amateurs," said ARRL President Rick Roderick, K5UR. Blumenthal has previously co-sponsored legislation supporting amateur radio, and his staff was recently briefed by ARRL on pending amateur radio matters at the FCC. Roderick added, "We need the partnership of the FCC and Congress to ensure our rules and spectrum continue to support the march of technological innovation in our vibrant Amateur Radio Service."

Multiple proceedings to update or change the FCC's Amateur Radio Service Part 97 rules to account for changes in technology and operating practices have been languishing at the FCC, some going back five or more years. ARRL is hopeful that these will be addressed soon.

World's Smallest Moon Lander from Japan will Put Ham Radio Transmitter on the Moon

Japan's [OMOTENASHI](http://omotenashi.jp), the world's smallest moon lander, will have an X-band and UHF communication system, although it will not carry an amateur band transponder. OMOTENASHI is a 6U CubeSat set for launch via a NASA SLS rocket as early as February 2022. It will have a mission period of from 4 to 5 days. The name is an acronym for Outstanding Moon Exploration Technologies demonstrated by Nano

Semi-Hard Impactor. Wataru Torii of the Japan Aerospace Exploration Agency (JAXA) Ham Radio Club, JQ1ZVI, said radio amateurs can play a role in gathering data from the spacecraft. (<https://www.isas.jaxa.jp/home/omotenashi>)

The spacecraft is made up of two separable components, both having independent communication systems -- an orbiting module and a surface probe. The orbiting module will take the surface probe to the moon. It will transmit beacon or digital telemetry data on UHF (437.31 MHz). The surface probe -- the moon lander -- will transmit digital telemetry or three-axis acceleration analog-wave with FM modulation on UHF (437.41 MHz). Transmitter power will be 1 W in both cases.

"If we succeed in receiving the UHF signal from the surface probe, we could know the acceleration data on the impact on the moon and the success of the landing sequence," Torii explained.

"We already have a station for uplink and downlink at Wakayama in Japan -- used as an EME [moonbounce] station. However, if the satellite is invisible from Japan, we cannot receive the downlink signal. So, we need a lot of help from ham radio stations worldwide."

The orbiting module beacon will transmit on 437.31 MHz using PSK31. The surface probe beacon will transmit on 437.41 MHz using FM, PSK31, and PCM-PSK/PM.

Our New QSL Card

Serving Amateur Radio For Over 100 Years!



W6UW

SCCARA club station
Santa Clara County
San Jose, grid CM97
www.qsl.net/sccara



Affiliated with the ARL

QSL Please
 Thanks for QSL
 Operator: _____

Confirming Our QSO with:				
Day/Mo/Year	Time UTC	MHz	Mode	RST

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

This is the same design as before, just the banner is new (gold print over blue background). The phrase was suggested by Don K6PBQ.

73, Gary WB6YRU

Meeting Minutes

General Meeting, Dec. 13, 2021



{meeting was canceled}

Board Meeting, Dec. 20, 2021



Held verbally on our 2 m repeater W6UW/R

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

Attendance:

President Gregg Lane KF6FNA; VP Ned Tufekcic AC6YY; Secretary (none); Station Trustee; Don Village K6PBQ; Directors: Lou Steirer WA6QYS, Wally Britten KA6YMD, Ben Shuford, KK6CCU, James "Rusty" Rustemier KI6ZSK. Excused absence: Treasurer Goetz Brandt K6GKB, John Parks W6JPP.

Visitors: Editor Gary WB6YRU, Barbara KD6QEI, Paul KK6HWN.

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

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

Secretary's Report:

Gregg KF6FNA: Gary's been taking the minutes. The previous board meeting minutes were published in the SCCARA-GRAM. (No corrections.)

Approve as published by acclamation.

Treasurer's Report, Goetz K6GKB: (none)

Trustee's Report, Don K6PBQ: The club station will be open Jan 29, but not later this month. We'll decide what we want to do about "Winter Field Day" later.

Standing Committees

Editor's report, Gary WB6YRU: A few days ago I sent the board the written year-end newsletter report (among other things). I trust you all saw it. Don K6PBQ tells me he plans to put announcements in the newsletter about the club station more often. Don is the only one so far who commented about including photos of article authors, he said it sure looks good. And again there was nothing submitted about club elections.

BBS Sysop's report: Gary WB6YRU: There was an internet access problem, it's been fixed.

Repeater chairman's report, Wally KA6YMD: Repeater is working fine, no complaints.

Webmaster's report, Wally KA6YMD: Keeping it up to date.

Special Committee(s)

Membership committee, Ben KK6CCU: Nothing much going on, will work on getting people on the committee early next year.

Old Business

Gregg KF6FNA:

Still need to do antenna work at the Red Cross, not much new to report on that.

Work on it still pending on the antenna trailer.

Regarding having in-person meetings again, Lou WA6QYS:

nothing new to report

Elections, Wally KA6YMD: So far only 14 have voted out of 41, one negative vote, the rest are positive. There were problems with the first ballot, I sent out a new version, not sure how successful it was.

Gary WB6YRU: We need at least 21 affirmative votes.

Gregg KF6FNA: Let's send out a reminder. If that doesn't do it, maybe telephone people.

New Business:

Gregg KF6FNA: Gary sent several items to the board.

Property list, year-end:

Gregg KF6FNA: We have an aluminum crank up tower, two 20 ft sections, it's stored on the antenna trailer. That needs to be added.

The "welcome-to-the-club" packet:

Gregg KF6FNA: I think the paper copy is nice, \$4 isn't too much.

Ned AC6YY: We could send both, email and regular mail.

Don K6PBQ: I think the regular mail is best, not everyone has a printer.

Gregg KF6FNA: Let's keep sending it by regular mail.

Gary WB6YRU: The officers and directors will be updated for 2022, are there any other changes or suggestions? (Nothing heard.)

The latest printed roster:

Gregg KF6FNA: Any corrections? (Nothing heard.) About privacy concerns, the printed version vs email. Any comments? (None heard.) Let's continue as is, send a paper copy to members only by mail or by hand in person.

Club QSL card:

Gary WB6YRU: I updated it as suggested by Don K6PBQ. Basically it's the same with just a banner added saying "Serving Amateur Radio for over 100 years." (No changes suggested.) If anyone wants to see the paper versions of anything, just let me know.

Meeting closed at 8:20 PM

Gary Mitchell WB6YRU, recording

Club Station

SCCARA has their club station at the Red Cross, located at the corner of 1st Street and Plumeria in San Jose.

We are normally there on the last Saturday of the month for general operating. We also come down for contests such as California QSO party and Sweepstakes (both CW and SSB).

We have also operated Field Day as well. We are able to operate two stations at a time on HF and a digital station as well.

Having our station is a good opportunity for your members who don't have HF capability to use our club station.

The station is also used for emergency communications by the Red Cross groups.

73, Don Village K6PBQ
Station Trustee



Packet Pieces

Downloaded from the BBS packet network:

=====
Date: 28 May 2011 04:45
From: W1GMF@W1GMF
To: HUMOR@USA
Subject: DC Cabs

Cab drivers in Washington DC are some of the most brazen drivers. Oddly, their accident rate isn't that bad. I asked one of the drivers the reason for that.

"Easy," he said. "All the really bad drivers are dead now."

=====
Date: 28 Jul 2010 01:31
From: W1GMF@W1GMF
To: HUMOR@USA
Subject: Deer Hunters

Two redneck hunters were dragging their dead deer back to their pickemup truck. Another hunter approached pulling his along too.

The lone hunter said, "It's much easier if you drag the deer in the opposite direction. Then the antlers won't dig into the ground."

After the lone hunter left, the two rednecks gave it a try. After while one says to the other, "Ya know, that guy was right, this is a lot easier!" "Yep," the other added, "but we're gittin' further away from the truck."

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

I'm bewildered as to why info about our elections has been so hard to come by. And I don't know why it has been delayed (we're required to have elections in November.) At this rate we'll be lucky to finish before the first of the year. The problem is that officer and director terms expire December 31. So if you haven't voted, please do. It really does matter.

Here the annual newsletter report to the board, abbreviated:

Printing:

A total of 53 newsletters were printed at a cost of \$241.06 (average of \$4.55 each). Our 100th anniversary edition (February) was one of our biggest.

Mailing:

2 members were on the mailing list January - July, and 3 members August - December. First Class postage is \$0.55, but we still had enough "forever" stamps at \$0.50. Extra was needed in February for the anniversary edition. Including printing and postage, the total cost of mailing the paper newsletter was \$145.45.

Predictions for 2022:

- Costs will be little less. They were higher because of the pandemic, some printing was ordered on-line which required shipping.
- 3 newsletters will be printed each month, 8 to 10 when we have normal meetings again.
- Some copies of the 100th anniversary edition will be printed as keepsakes for those who want it. I'm waiting until we have in-person meetings to save on postage.



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 2022

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.