

SCCARA-GRAM



Santa Clara County Amateur Radio Association

Volume 47, Number 4

April 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.

The electronic flea market is starting again, April 9 will be the first one. It's at a new location: Sunnyvale Public Library, 665 W. Olive Ave. <http://www.electronicfleamarket.com/>

Statewide the number of people fully vaccinated is 74.4% (73.9% last month); in Santa Clara County it's 85.1% (84.9% last month). The average number of new cases in Santa Clara County is 144 per day (275 last month). It peaked at 6488 early January. The mandatory indoor mask requirement has been lifted, except for high-risk settings. Masks are still strongly recommended.



Calendar

- 4/9 Electronic Flea Market: 5 AM - 12 noon
- 4/11 SCCARA General Meeting -- **canceled**
- 4/18 SCCARA Board Meeting: On our 2 m repeater after the net at 7:30 PM)
- 4/23 Club Station: open 10 AM - 4 PM

General Meeting

Day: Monday, April 11 -- **Canceled**
 Time:
 Place:
 Featuring:

Club Station

Our club station at the Red Cross will be open on the 4th Saturday April 23th instead of the last Saturday as I will be doing the MS walk on the 30th at Vasona Park. The station will be open for our members to operate from 10am-4pm on the 23rd of April.



73 Don Village K6PBQ

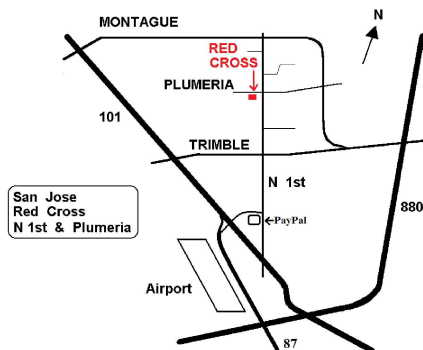


ARRL News

From *The ARRL Letter*, March 3, 2022

Volunteer Monitor Program Cautions against Operating Beyond License Privileges

Many of the Advisory Notices sent out each month by the ARRL Volunteer Monitor Program go to stations heard operating outside the operator's license privileges. While some may be doing so deliberately, it seems clear that many of these reports reflect a lack



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

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(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 ncpa.n0ary.org.

AMATEUR LICENSE TESTING

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

of clarity regarding the Part 97 Amateur Radio Service rules.

Typical cases often involve operators holding Technician- or General-class amateur licenses being heard on a frequency or band not permitted by their license privileges. Most recent incidents have frequently entailed FT8 digital mode operation by Technician licensees on 20 and 40 meters. Technician licensees do not have any operating privileges on 20 meters, let alone digital privileges, and FT8 is a digital protocol.

Technicians (and Novices) may operate CW between 21.025 and 21.200 MHz on 15 meters, from 7.025 and 7.125 MHz on 40 meters, and from 3.525 to 3.600 MHz on 80 meters, but they do not have any digital (data) mode privileges on these bands.

ARRL Volunteer Monitor Program Administrator Riley Hollingsworth, K4ZDH, said licensees who need a refresher course regarding their operating privileges may refer to Section 97.301 of the rules. ARRL also has a convenient chart on its [website](http://www.arrl.org) that details privileges available to all license classes, from Novice to Extra. (<http://www.arrl.org/graphical-frequency-allocations>)

As monthly Volunteer Monitor reports indicate, some General-class operators have lost their way on some bands too, and Advisory Notices have gone out to those operating outside of the General-class phone subbands. For example, on 20 meters, Generals may operate phone from 14.225 to 14.350 MHz, but occasionally, General-class operators are heard outside of that subband. On 40 meters, the phone and image subband open to General licensees is 7.175 to 7.300 MHz. Of course, Technician- and General-class licensees may operate CW on any subband on which they have operating privileges, although operation within the CW subbands is preferred by band plan.

On 10 meters, Technicians have RTTY and data privileges -- including FT8 -- from 28.000 to 28.300 MHz, and SSB phone privileges from 28.300 to 28.500 MHz, and may operate on CW over the entire 28.000 - 28.500 MHz segment.

Ukraine Maintains Ham Radio Silence

Radio amateurs in Ukraine appear to be diligently maintaining radio silence as the state of emergency declared there just prior to the Russian military invasion remains in effect. A February 24 decree from President Volodymyr Zelensky included "a ban on the operation amateur radio transmitters for personal and collective use." The Ukraine Amateur Radio League (UARL/LRU) reported this past week that it has received many messages of encouragement from the worldwide amateur radio community.

"The LRU informed international amateur radio organizations about Russia's military invasion of Ukraine," said the message from UARL Vice President Anatoly Kirilenko, UT3UY. "To date, there have been many reports from radio amateurs around the world in support of Ukraine."

The International Amateur Radio Union (IARU) has adopted a neutral stance. "IARU is an apolitical organization focused on promoting and defending amateur radio and the amateur radio services," the IARU said. "The amateur radio service is about self-instruction in communications and friendship between people." IARU Region 1 has said it continues to monitor the development and expect all radio amateurs "to follow their national laws and regulations."

IARU Region 1 also re-posted part of an advisory from the Deutscher Amateur Radio Club HF Committee on February 27. "Any radio amateur currently transmitting from Ukraine is risking

his or her life. If you hear a Ukrainian station, do not broadcast its call sign, location, or frequency--whether on the band, in a cluster, or on social media. You may be putting lives at risk." The DARC's overarching advice: "In the current situation, the best we can do is listen."

Ukraine's assigned amateur radio call sign prefixes include EMA - EOZ and the more commonplace URA - UZZ. Some stations with Ukrainian call signs may still be active, since an exception to the amateur radio ban was made for stations in the Donbas region of eastern Ukraine (eastern Donetsk and Luhansk oblasts), which have special legal status owing to Russia's occupation since 2014.

-- Thanks to The Daily DX for some information

From *The ARRL Letter*, March 10, 2022

Annual Armed Forces Day Cross-Band Exercise

The 2022 running of the Armed Forces Day (AFD) Cross-Band exercise will be held on May 14, 1300 - 2200 UTC. A complete list of participating stations, modes, frequencies, times, and other details will be [announced on April 1](#). The event is open to all radio amateurs. Armed Forces Day is May 21, but the AFD Cross-band Military-Amateur Radio event traditionally takes place 1 week earlier in order to avoid conflicting with Dayton Hamvention. During the exercise, radio amateurs listen for stations on military operating frequencies and transmit on frequencies in adjacent amateur bands.

(<https://www.dodmars.org/mars-comex-information-website/arm-ed-forces-day>)

Military and amateur stations have taken part in this event for more than 50 years. It's an exercise scenario, designed to include ham radio and government radio operators alike.

Per previous announcements: "The AFD Cross-band Test is a unique opportunity to test two-way communications between military communicators and radio stations in the Amateur Radio Service, as authorized in 47 CFR 97.111. These tests provide opportunities and challenges for radio operators to demonstrate individual technical skills in a tightly controlled exercise scenario that does not impact any public or private communications."

Military stations in various locations will transmit on selected military frequencies and announce the specific ham band frequencies they are monitoring.

An AFD message will be transmitted utilizing the Military Standard (MIL-STD) serial PSK waveform (M110) followed by MIL-STD Wide Shift FSK (850 Hz RTTY), as described in MIL-STD 188-110A/B. The AFD message will also be sent in CW and RTTY.

From *The ARRL Letter*, March 17, 2022

CQ to Limit Contest Participation by Stations in Russia, Belarus, and Donbas

In a March 17 news release, CQ Communications, Inc. announced, "It will not accept competitive entries in any of its sponsored contests by amateur radio stations in Russia, Belarus, or the separatist Donbas region of Ukraine (unofficial D1 prefix). Logs submitted by these stations will be accepted only as check logs. In addition, contacts with these stations by other participants will have zero point value and will not count as multipliers." The policy will take effect with the CQ WPX SSB Contest on March 26 and 27, 2022, and future events will be considered on a

case-by-case basis, depending on the situation at that time.

From *The ARRL Letter*, March 24, 2022

New Amateur Radio License Applications Fee To Become Effective April 19, 2022

A Public Notice released by the Federal Communications Commission (FCC) on March 23, 2022, in [MD Docket No. 20-270](#), announced that new application fees for Wireless Telecommunications Bureau applications will become effective on April 19, 2022. The new fees, mandated by Congress, apply to applications for Amateur Radio licenses including those associated with filing Form 605, the Amateur Operator/Primary Station License Application.

(<https://www.fcc.gov/document/effective-date-wireless-applications-on-fee-rates>)

Effective April 19, 2022, a \$35 fee will apply to applications for a new Amateur Radio license, modification (upgrade and sequential call sign change), renewal, and vanity call signs.

Anticipating the implementation of the fee in 2022, the ARRL Board of Directors, at its July 2021 meeting, approved the "ARRL Youth Licensing Grant Program." Under the program, ARRL will cover a one-time \$35 application fee for license candidates younger than 18 years old for tests administered under the auspices of the ARRL Volunteer Examiner Coordinator (ARRL VEC). Qualified candidates also would pay a reduced exam session fee of \$5 to the ARRL VEC. ARRL is finalizing details for administering the program.

ARRL had filed comments in opposition to imposing a fee on Amateur Radio license applications. The FCC initially proposed a higher, \$50 fee. In a Report and Order (R&O), released on December 29, 2020, the amount was reduced -- the FCC agreeing with ARRL and other commenters that its proposed \$50 fee for certain amateur radio applications was "too high to account for the minimal staff involvement in these applications."

ARRL Volunteer Examiner Coordinator (ARRL VEC) Manager Maria Somma, AB1FM, explained that all fees are per application. "There will be no fee for administrative updates, such as a change of mailing or email address. The fees will be the responsibility of the applicant regardless of filing method and must be paid within 10 calendar days of FCC's receipt of the application. For applications filed by a VEC, the period does not begin until the application is received by the Commission, a ULS file number assigned, and an email sent by the FCC directly to the applicant."

VECs and Volunteer Examiner (VE) teams will not collect the \$35 fee at license exam sessions. New and upgrade candidates at an exam session will continue to pay the \$15 exam session fee to the ARRL VE team as usual, and pay the new, \$35 application fee directly to the FCC by using the CORES FRN Registration system ([CORES - Login](#), <https://apps.fcc.gov/cores/userLogin.do>).

When the FCC receives the examination information from the VEC, it will email a link with payment instructions to each successful candidate who then will have 10 calendar days from the date of the email to pay. After the fee is paid and the FCC has processed an application, examinees will receive a second email from the FCC with a link to their official license or explanation of other action. The link will be good for 30 days.

Somma also explained that applications that are processed and dismissed will not be entitled to a refund. This includes vanity call sign requests where the applicant does not receive the requested

call sign. "The FCC staff has suggested that applicants for vanity call signs should first ensure the call signs requested are available and eligible for their operator class and area, and then request as many call signs as the form allows to maximize their chances of receiving a call sign."

Further information and instructions about the FCC Application Fee are available from the ARRL VEC at <http://www.arrl.org/fcc-application-fee>. Details for the ARRL Youth Licensing Grant Program will be similarly posted there, when available.

A New World Distance Record at 134 GHz

On March 2, 2022, Michael Kuhne, DB6NT, and his son Matthias, DK5NJ, established a new world distance record at 134 GHz by making contact using CW over 157 kilometers (98 miles) between the summits of two mountains in Germany. The portable microwave stations were located on Schneekopf mountain in the Thuringian Forest and atop Fichtelberg mountain near Oberwiesenthal. Check out the [video](http://youtu.be/nsIsLZlrwfw) of the record-breaking contact. (<http://youtu.be/nsIsLZlrwfw>)

CEPT Bans Russian and Belarus from Membership

The European Conference of Postal and Telecommunications Administrations (CEPT), has suspended the Russian Federation and Belarus from CEPT membership, in a March 17 announcement. It was requested by CEPT members. The suspension, which took effect March 18, is indefinite. In the CEPT Assembly there were 34 supportive responses to the proposal, and one abstention. Future readmission will need a two-thirds majority vote.

Meeting Minutes

General Meeting, March 14, 2022



{meeting was canceled}

Board Meeting, March 21, 2022



{no minutes were received}

Packet Pieces

Downloaded from the BBS packet network:

=====
Date: 16 Nov 2012 02:21
From: GM3YEW@GB7YEW
To: HUMOUR@WW
Subject: Jokes 16/11

There was a blonde and a brunette at a bar watching the ten'o clock news, and there was a man at the edge of a cliff about to jump off. The brunette said, "I bet you fifty dollars that he will jump."

The blonde said, "Ok".

They both put there money on the bar. The man jumped off. The brunette took the money and said, "Do you know how I knew he was going to jump?"

The blonde said, "No. How?"

The brunette said, "I saw the five'o clock news."

The blonde said, "So did I, I just didn't think he would jump again."

Shortly after the Pope had apologized to the Jewish people for the treatment of Jews by the Catholic Church over the years Ariel Sharon the then Prime Minister of Israel sent a proposal to the College of Cardinals for a friendly game of golf to be played between the two leaders or their representatives to demonstrate the friendship and ecumenical spirit shared by the Catholics and the Jews.

The Pope met his College of Cardinals to discuss the proposal. 'Your Holiness' said one of the Cardinals' Mr. Sharon wants to challenge you to a game of golf to show that you are old and unable to compete. I am afraid that this would tarnish our image in the world.'

The Pope thought about this and because he had never held a golf club in his life asked 'Don't we have a Cardinal to represent me?'

'None who plays golf very well' a Cardinal replied. 'But there is a man named Jack Nicklaus an American golfer who is a devout Catholic. We could offer to make him a Cardinal and then ask him to play Mr. Sharon as your personal representative. In addition to showing our spirit of co-operation we will also win the match.'

Everyone agreed that this was a great idea. The call was made. Of course Nicklaus was honored and he agreed to play as a representative of the Pope.

The day after the match Nicklaus reported to the Vatican to Inform the Pope of the result. 'This is Cardinal Nicklaus. I have some good news and bad news your Holiness'.

'Tell me the good news first, Cardinal Nicklaus.' said the Pope.

'Well Your holiness I don't like to brag but even though I have played some pretty terrific rounds of golf in my life this was the best I have ever played by far. I must have been inspired from above. My drives were long and true my irons were accurate and purposeful and my putting was perfect. With all due respect my play was truly miraculous.'

'So what's the bad news?' the Pope asked.

Nicklaus sighed, 'I lost by three strokes to Rabbi Tiger Woods.'

For 2 years a man was having an affair with an Italian woman. One night she confided in him that she was pregnant. Not wanting to ruin his reputation or his marriage he paid her a large sum of money if she would go to Italy to secretly have the child. If she stayed in Italy to raise the child he would also provide child support until the

child turned 18.

She agreed but asked how he would know when the baby was born. To keep it discrete he told her to simply mail him a post card and write "Spaghetti" on the back. He would then arrange for the child support payments to begin.

Several months later he came home to his confused wife. She said "you received a very strange post card today." He read the card, turned white, and fainted. It said "Spaghetti Spaghetti Spaghetti Spaghetti. Three with meat balls two without. Send extra sauce."

=====
Date: 27 Nov 2012 23:56
From: GM3YEW@GB7YEW
To: HUMOUR@WW
Subject: Jokes 27/11

Doctor Jokes

An anaesthesiologist is a doctor who works in the operating room to delay your pain until such time as you get his bill.

The doctor began his examination of an elderly man by asking him what brought him to the hospital. The man replied, "An ambulance."

A Patient said "Doctor, I broke my arm in two places!" to which the good Doctor replied, "Stay out of those places!"

Dr. to Patient: "Well, Mrs. Bixby, I am afraid you are not quite as sick as we had hoped."

Pearl Williams once said, "You have a cough? Go home tonight, eat a whole box of Ex-Lax, tomorrow you'll be too afraid to cough."

After receiving his medication from the pharmacist, the customer asks, "are these time release pills?" The pharmacist replies, "Yes. They begin to work after your check clears."

Did you hear about the baby born in the high tech delivery room? It was cordless!

A man walks into a very posh Rodeo Drive furrier with a gorgeous blonde on his arm. "Show the lady your finest mink!" the fellow exclaims. The owner of the shop goes in the back and comes out with an absolutely gorgeous full-length coat. As the lady tries it on, the furrier sidles up to the man and discreetly whispers, "Ah, Sir, that particular fur goes for \$165,000."

"No problem. I'll write you a check."

"Very good, Sir." says the shop owner, "Today is Saturday. You may come by on Monday to pick it up, after the check has cleared."

So the man and the woman leave. On Monday, the fellow returns. The store owner is outraged: "How dare you show your face in here? Your checking account was empty!"

He said, "Sorry about that, but I just had to come by to

thank you for the most wonderful weekend of my life!"

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

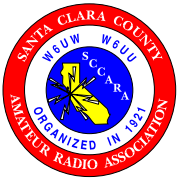
WB6YRU, Gary Mitchell, 408-269-2924
packet: home BBS N0ARY
e-mail: wb6yru@ix.netcom.com

Newsletter Notes

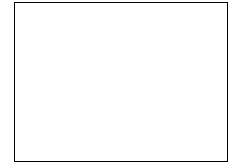
No word yet about resuming our in-person meetings, but since official restrictions are being relaxed, hopefully it won't be too much longer. No word about Field Day either, for now it seems we'll be doing it from home again. On the plus side, evidently the electronic flea market is starting up again.



73, Gary WB6YRU, editor



SCCARA
 Santa Clara County Amateur Radio Association
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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.