

SCCARA-GRAM



Santa Clara County Amateur Radio Association

Volume 48, Number 8

August 2023



Club Station

Our club station is normally open for general operating on the last Saturday of the month. But it *won't* be open this month (Aug. 26). I will be on vacation in Colorado. The station will be open again in September.



73, Don Village K6PBQ

Field Day Results

Mode	Contacts
CW	92
SSB	30
FT8	43
GOTA	7

Claimed score 884

73, Ned AC6YY

ARRL News

From *The ARRL Letter*, June 29, 2023

2023 ARRL Field Day Was a Success

The 2023 Field Day is in the books and from all indications, it was a success! [Social media](#) is buzzing with stories and photos from around the country.

Results are coming in, and so far, 2,548 Field Day entries have been received. You can see a live, up-to-the-minute count of the entries, comments, and photos on the Field Day [Entries Received](#) web page.

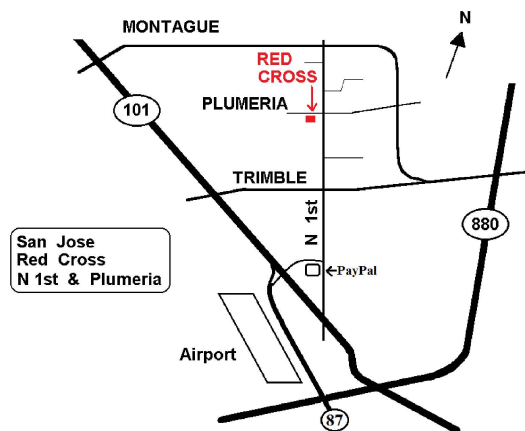
Participants have been submitting photos and descriptions of their stations and setups to the [SOAPBOX](#) column.

Calendar

- 8/13 Electronics Flea Market
- 8/14 SCCARA General Meeting
- 8/21 SCCARA Board Meeting: On our 2 m repeater after the net at 7:30 PM)
- 8/26 Club Station *NOT* open this month

General Meeting

Day: Monday, August 14
Time: 7:30 PM
Place: San Jose Red Cross, meeting room 3
Featuring: {to be announced}



The Big Bang Theory Antenna Lives On

An antenna that holds an important place in scientific history sits on a small parcel of land on Crawford Hill in Holmdel Township, New Jersey.

The antenna is known as the Holmdel Horn Antenna, and it was built in 1959 by Bell Labs (now Nokia Bell Labs) researchers. It was originally designed to bounce radio signals off of reflective satellite balloons for long-distance communication. It worked, and the Holmdel Horn Antenna was no longer needed.

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)

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	e-mail:	

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SCCARA REPEATERS

SCCARA owns and operates two repeaters under the call W6UW:

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.

AMATEUR LICENSE TESTING

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



The Holmdel Horn Antenna

[Photo courtesy of Ken Barber, W2DTC]

Two Bell Labs astronomer employees, Arno A. Penzias and Robert W. Wilson, received permission in 1965 to use the antenna to search for radio transmissions in outer space. They pointed the antenna toward what was considered a quiet area, but what they discovered was anything but quiet. They discovered Cosmic Microwave Background radiation, which provided evidence for the Big Bang theory.

Now, there is a historical marker at the site, but there has been some dispute as to who owns the antenna and surrounding land. In mid-June 2023, the Holmdel Township Committee voted unanimously to approve resolutions that will begin the process of acquiring two of the three parcels that make up the Crawford Hill property. The township committee is leaving the third parcel to be part of the redevelopment toward preserving Crawford Hill as a public park to celebrate the horn antenna's place in scientific history.

From *The ARRL Letter*, July 6, 2023

Morse Code is still thriving in amateur radio, 24 years after its last commercial use.

On July 12, 1999, the original dot/dash system, invented by Samuel F. B. Morse in 1837, gave way to the rapid development of analog and digital communications. The final message sent in Morse code for commercial use was the same one that Morse hammered out on his telegraph key 155 years earlier in 1844, which was, "What hath God wrought?" But this time the message was followed by SK, meaning silent key, or deceased.

The International Maritime Organization replaced Morse code with the Global Maritime Distress and Safety System -- an automated ship-to-shore and ship-to-ship system that use satellites and/or terrestrial radio systems with digital selective calling technology.

Morse Code is also still used in aviation. Pilots listen to a Morse code identifier to verify that their navigation receivers are tuned to the correct radio aid, such as a VHF Omni-Directional Range (VOR) or Instrument Landing System (ILS) approach guidance system. Railroads stopped using Morse code in the mid-1970s.

While Morse code is no longer used commercially, it is still an integral part of amateur radio. Amateur radio operators are no longer required to learn Morse code to obtain their license, but many learn the code on their own or by using study guides and taking classes. Every day, amateurs around the world use Morse code to communicate with each other, test their radio equipment, or pass along friendly information.

From *The ARRL Letter*, July 13, 2023

Commercial Interests Petition FCC for High Power Allocation on Shortwave Spectrum

The ad hoc group Shortwave Modernization Coalition petitioned the Federal Communications Commission (FCC) to allow data communications on multiple bands within the HF 2 - 25 MHz range with up to 20 kW, including on bands immediately adjacent to spectrums allocated to the Amateur Radio Service. This group appears to represent high-speed stock trading interests. The FCC has assigned the public notice as docket number RM-11953. Comments are due by July 31, 2023, and comment replies are due by August 15, 2023. While the petitioners exclude the amateur bands, high-power operations on immediately adjacent bands are proposed. ARRL is reviewing [the petition](#). <https://www.fcc.gov/ecfs/document/1042840187330/1>.

ARRL has heard from many members and other licensed radio amateurs who share interest and concern about this petition. Read more about our efforts [here](#). <http://arrl.org/news/commercial-interests-petition-fcc-for-high-power-allocation-on-shortwave-spectrum>

From *The ARRL Letter*, July 20, 2023

Amateur radio operators are needed for a real-world science experiment during upcoming solar eclipse events

Members of the [Ham Radio Science Citizen Investigation](#) (HamSCI) will be making radio contacts during the 2023 and 2024 North American eclipses and probing the Earth's ionosphere. The Solar Eclipse QSO Parties (SEQPs) are set to be fun and friendly with a competitive element, and all amateur radio operators and shortwave listeners are invited to participate. The upcoming eclipses (October 14, 2023, and April 8, 2024) provide unique opportunities to study interactions between the sun and the ionosphere. As participants and HamSCI members transmit, receive, and record signals across the radio spectrum during both eclipse events, valuable data will be created to test computer models of the ionosphere. Learn more at <https://hamsci.org/projects>. ARRL is a partner with HamSCI for the SEQP.

From *The ARRL Letter*, July 27, 2023

ARRL and NASA Team Up to Help Teachers

A radio experiment held on July 26, 2023, to decode a slow-scan TV (SSTV) message sent via the ham radio station on the International Space Station (ISS) was successful.



This SSTV image was transmitted from NASA Goddard Space Flight Center to the ARRL Teachers Institute on Wireless Technology participants via the ISS repeater.

The image was received by a group of educators at ARRL Headquarters in Newington, Connecticut through the voice repeater on the ISS. Teachers from around the United States were on hand for the [ARRL Teachers Institute on Wireless Technology](#), a program that empowers educators to incorporate amateur radio into their science, technology, engineering, and mathematics (STEM) curriculum. As part of the professional development program, the group received and decoded the image sent by

volunteers with Amateur Radio on the International Space Station (ARISS). The transmitted image said, "ARRL Teachers Institute: ensuring a space for radio in the next generation."



The teachers made tape measure Yagi antennas for the experiment. [Sierra Harrop, W5DX, photo]

The teachers thought it was cool. "Amateur radio is so important to the future of engineering and STEM in our country," said Kristen Kucko, KQ4ECP, one of the institute participants. The group gathered outside ARRL Headquarters with antennas they had made earlier in the day. As the pass happened, the educators tracked the ISS by hand. A warble of SSTV transmission filled the air, and the group was excited. After the pass, they used laptops to decode the audio stream into an image, while they sat on picnic tables and enjoyed pizza and wings.



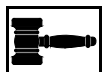
Teachers decode the SSTV image over a picnic of pizza and wings while a photojournalist from WFSB-TV shot video of them. [Sierra Harrop, W5DX, photo]

For ARRL Education and Learning Manager Steve Goodgame, K5ATA, the experiment was a way to allow teachers to engage with the power of radio. "When teachers can pull an image off the ISS via amateur radio, it gives a sense of accomplishment that gets them excited. We want to get them fired up about radio, so they can carry that energy back to their classrooms and do the same thing with their students," said Goodgame.

Each of the teachers on hand for the second phase of the institute, -- "TI-2: Remote Sensing and Data Analysis," -- have already been through the introductory course and they are all licensed radio amateurs. The institute costs teachers nothing to attend, thanks to funding from the [ARRL Education & Technology Program](#).

Meeting Minutes

General Meeting, July 10, 2023



San Jose Red Cross, 2710 N. First St.
Meeting called to order by President Gregg Lane KF6FNA at 8:00 PM

Customary self introductions.
Don K6PBQ, Doug N6DPO, Janet KF6PUQ, Lou WA6QYS, Ned AC6YY, Gregg KF6FNA, Truman N6TRU, and Gary WB6YRU.

Gregg KF6FNA:
The July SCCARA-GRAM wasn't emailed out, need to ask Wally about that. Deadline is July 31
We have our 10 m net Thursday evenings. It wasn't on last Thursday.

Station Trustee Don K6PBQ:
Club station will be open July 29 but I'll be out of town during the last Saturday in August (Aug 26).
Discussion followed about whether that one will be cancelled and possible dates for picnic(s).

Editor Gary WB6YRU:
I suggest we work on moving the club list to a commercial provider (Google groups or groups.io) then someone else could take over if Wally isn't able to email club notices and newsletters.

Gregg KF6FNA:
2 m net Monday evenings. Gregg KF6FNA will take over for Don on August 21 and 28.
August 13 is the next electronic flea market, SVECS will sponsor. Field Day: We haven't sent in our statistics yet.
Discussion about new modes, FT8 used during Field Day, WSPR, etc.
The recently installed 10-80 m dipole doesn't work.
Discussion about antennas at the club station, possibility of getting an antenna analyzer.

Truman N6TRU: I emailed a couple of proposals to the board recently. If you guys could take a look at those, that would be nice.

Gregg KF6FNA: We'll have a picnic at Henry Schmidt Park in Santa Clara, August 6. If you want to help set up antennas and radios start around 9 AM, the rest starting around 10 AM, BBQ starting around 11 AM. It will be potluck, SCCARA will provide hotdogs and hamburgers, sodas.
Gary WB6YRU: The next SCCARA-GRAM won't come out before Aug. 6.
Lou WA6QYS: We can send notices by the club email list.
Discussion about scheduling picnics.

New Business:
Gary WB6YRU: We need a secretary. There's one open director seat too.
Gregg KF6FNA: I'll work on that.
Background info: As per the bylaws, Sec. Lloyd has effectively resigned by not showing up to any board meetings and most general meetings. Dir. Ben has effectively resigned by not renewing his membership and not showing up to any general meetings.

Meeting adjourned at 9:05 PM

Gary Mitchell WB6YRU, recording for the Secretary

Board Meeting, July 17, 2023



Held verbally on our 2 m repeater W6UU/R
Meeting called to order by President Gregg Lane KF6FNA at 7:39 PM.

Attendance:
President Gregg Lane KF6FNA, VP John Parks W6JPP, Treasurer Ned Tufekcic AC6YY, Station Trustee Don Village K6PBQ, Director Lou Steirer WA6QYS, Director Doug Owens N6DPO, Director Truman Lindsey N6TRU.
Unexcused Absence: Director Wally Britten KA6YMD
Visitors: Editor Gary Mitchell WB6YRU, Paul KK6HWN, Ben KK6CCU, Goetz K6GKB.

Announcements:
John W6JPP: We can have a table at Pacificon free if we want one, but we'll need volunteers to man it. SCCARA and the

American Legion Post can share a table.
Paul KK6HWN: Have the Field Day logs been turned in to the ARRL yet?
Gregg KF6FNA: The logs have been collected from the computers, but the rest is in progress.

Gregg KF6FNA: SCCARA-GRAM deadline is July 31. The club station will be open July 29 from 10 am to 5 pm, but Don K6PBQ won't be here during late August.
We'll have a picnic August 6 at Henry Schmidt park. Start 11 AM, earlier if you want to help set up.
SVECS hosts the electronic flea market Sunday August 13, Lou WA6QYS requests volunteers.

President's Report, Gregg KF6FNA: Nothing to report

Vice President's Report, John W6JPP: Our antenna trailer at the American Legion Post once again had a problem with homeless getting into it. The Post wants us to take more serious security measures, we need to come up with a plan to better secure it.
Ben KK6CCU: Any damage or stuff stolen? I'd like to help.
John W6JPP: No, but they use it as a shelter and leave a mess.
Gary WB6YRU: It's a flat-bed trailer. We'll have to put it behind a fence or in a garage to really secure it.

Secretary's Report:
Gregg KF6FNA: The June meeting minutes were published in the SCCARA-GRAM. For the June general meeting minutes, any corrections? (none heard)
Approved by acclamation.
For the June board meeting minutes, any corrections? (none heard)
Approved by acclamation.

Gary WB6YRU: We need a secretary, the editor shouldn't have to keep filling in. There's no need to wait for club elections, the president can appoint someone any time. And we have an open director seat too. Both effectively resigned, as per the bylaws.

Don K6PBQ: A director can switch to secretary. We can do without a director more than a secretary.
Truman N6TRU: I'd be willing to serve as secretary.
Gregg KF6FNA: I'll get together with you after the meeting for the details.
Ben KK6CCU: I'm still interested in being a director, I'll catch up with my dues and will attend meetings.

Treasurer's Report, Ned AC6YY: I'm at Mt. Madonna right now and don't have a financial report this time.

Trustee's Report, Don K6PBQ: The club station will be open on July 29. On August 26 we should probably leave the station closed, I'll be out of town.

Standing Committees
Editor's report: Gary WB6YRU: The July edition was ready to send out, but Wally is having some eye issues and so far the newsletter still hasn't been emailed out. Those few on the paper newsletter mailing list received it on time. We need to make some changes so other officers can post to the club email list.

Don K6PBQ: The current newsletter is there now, it wasn't there earlier.

BBS Sysop's report: Gary WB6YRU: The computer upgrade is still pending. We haven't been able to schedule a visit to the site yet.

Repeater report:
Goetz K6GKB: Last Tuesday PG&E was out. The repeater backup batteries worked flawlessly.

FT8 During Field Day

Webmaster's report:

Gary WB6YRU: The other day I helped Wally get the web site updated with the current SCCARA-GRAM edition, so at least people can get it directly from the web site now.

Old Business:

Gregg KF6FNA: John W6JPP requested antenna work on the antenna trailer, we haven't forgotten, that's still on the list. The Red Cross internet speed test is still on the to-do list. Some of our antennas need tuning. That will be later in the year.

New Business:

Gregg KF6FNA: Truman has some proposals regarding membership renewal reminders.

Truman N6TRU: I move that SCCARA send out two membership reminders, one through email the other through postal mail. Details: assuming an email is on file for a member, an emailed renewal reminder and member form will be sent out by email. A standardized format is recommended. The emailed reminder should be the first notice and is recommended to be sent out before a mailed notice and sent out before memberships are due. Assuming an address is on file for a member, a physical mailed membership renewal reminder and membership form should be sent out through postal mail to members who have not renewed after the emailed reminder is sent; and similarly, a standardized format is recommended. The mailed reminder will be the second notice and is recommended to be sent out after the emailed notice. The timing of sending out the emailed and physical mailed renewal reminders forms etc will be determined by the board and can be altered as needed.

Don K6PBQ: I second.

Vote: John W6JPP: yes, Ned AC6YY: yes, Lou WA6QYS: yes, Wally KA6YMD: (nothing heard), Truman N6TRU: yes, Doug N6DPO: yes, Don K6PBQ: yes.

Gregg KF6FNA: The motion carries

Truman N6TRU: I'm willing to help with executing the proposal. Regarding media notices for Field Day credit... I have records of those being posted and interactions. How do I get that to the club? Gregg KF6FNA: Those working on the logs and scoring deal with that.

Ned AC6YY: We need to get together and work on that. The data is uploaded to the ARRL web site when it's compiled. Truman should send that info to me.

Gary WB6YRU: Our 10-80 dipole during Field Day was found to not be working. I sent Gregg an email on troubleshooting it and offered to help, but not heard back. We need to set up a time to work on that.

Goetz K6GKB: Truman should practice taking minutes on this meeting and get comments... just an idea.

Don K6PBQ: On the front page of the July SCCARA-GRAM, there's a photo showing a couple of members from long ago, the guy on the right is Frank Quement--I worked for him.

Ben KK6CCU: I'm filling out the renewal form, I'll get that in, and I'm tossing in a little extra. Thanks to Truman for proposing that policy change.

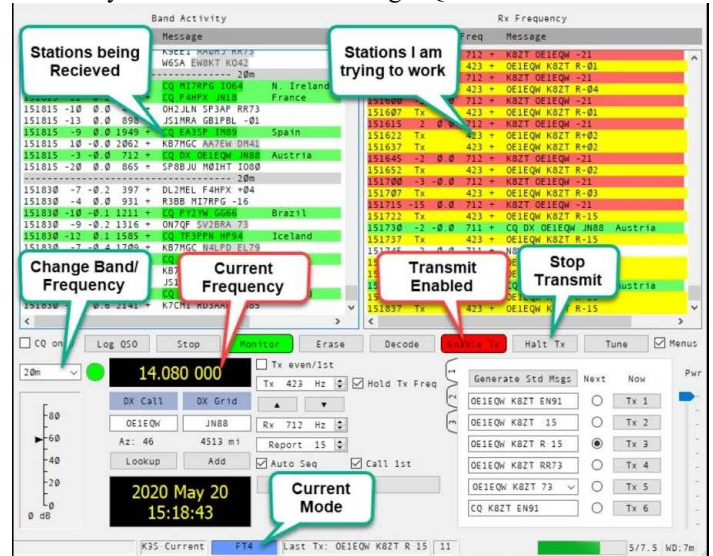
Meeting adjourned at 8:42 PM

Gary Mitchell WB6YRU, recording for the Secretary

For the first time we used the digital mode FT8 during Field Day at the club station. It was the first time I used the mode too, here are my first impressions.

FT8 isn't for rag-chewing. If that's what you're looking for you'll be disappointed. It's for making contacts with a minimal exchange. So for Field Day or other contests, it's great. It's also good for racking up contacts for Worked-All-States or similar.

What you see with FT8 is a collection of windows on the computer. The one on the left shows activity on the channel--and there can be many individuals operating simultaneously. And this is where you'd look for those calling CQ.



On the right is my activity, stations I'm working or trying to work. The list on the lower right is set up ahead of time, that's the exchange. You'll see it step through that list when a contact is in progress.

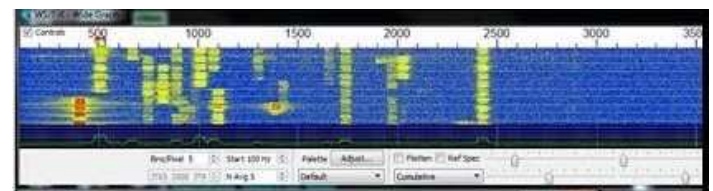
So, if you see someone calling CQ (in the left window), you can click on that station and it will attempt to contact them. The progress of the contact will be shown on the right. If it all worked well, there will be a final "73" exchange, it's logged, and you're ready for the next contact. And there can be more than one contact attempted at the same time.

Or you can call CQ yourself (the transmit enable button). Likewise, if someone answers, you'll see it in the right window. If someone answers your CQ you have to click on them to start the exchange.

Now, this process easily *could* be automated, but that would violate Field Day rules. So you have to click on a station to initiate the exchange.

Since FT8 packs a lot in a small amount of spectrum, there can be multiple contacts going on within the space of one SSB voice segment.

One other window that proves useful is the waterfall. This shows the frequency slots where the activity is taking place. It's a good idea to pick a spot where it's relatively clear to minimize interference, then the others will be able to hear you.



Fortunately FT8 handles all the details for you. Just click on a spot where there it's relatively clear and that's it. FT8 keeps

track of who's talking within this passband. So if someone answers your CQ (or vice versa) anywhere in there, FT8 will see it and the contact will be made.

It works well because it's not just a free-for-all, the transmissions happen within specific time slots. It's all quite well coordinated.

Now, you won't get the personal touch like you would with voice, all you see are the entries and the contact progress. But if all you need are contacts, this will do it.

Being digital and nearly automated, at first I thought the contact turn-around was a bit slow. But considering each digital link is 77 baud, and it hears even weak signals just fine, and there are many people sharing one SSB frequency at the same time, it works pretty well. Even QRP works great with FT8, it's quite sensitive.

For more info there's a slide show introduction at tiny.cc/ft8ft4.



73, Gary WB6YRU, editor

Packet Pieces

Downloaded from the BBS packet network:

=====
Date: 24 Apr 2020 22:38
From: GM3YEW@GB7YEW
To: HUMOUR@WW
Subject: jokes 24/4

Dear Husband (ex)I'm writing you this letter to tell you that I filled for divorce and have Left you for good. I've been more than a good woman to you for seven years and I have nothing to show for it. These last two weeks have been beyond hell. Last week you came home and didn't notice I had gotten my hair and nails done cooked your favorite meal and even wore a brand new negligee. Instead you came home and ate in two minutes watched the game then went straight to sleep. You don't tell me you love me anymore you don't touch me or anything. Your boss called to tell me you quit your job and that was the last straw. Either you're cheating or you don't love me anymore. Whatever the case, I'm gone.

Your ex-wife

P.S. If you're trying to find me don't. Your BROTHER and I have moved away to West Virginia together! Have a great life loser!

Dear Ex-wife It's true we have been married for seven years although a good woman is a Far cry from what you've been. I watch sports so much to try to drown out your constant nagging. Too bad that didn't work. I did notice you cut off all of your hair last week the first thing that came to mind was "You look Just like a man!" I was raised to not say anything if you can't say anything nice. As for cooking my favorite meal you must have gotten me confused with my brother because I stopped eating pork seven years ago. Yes I went to sleep even though you had on that new negligee. It turned me off for two reasons

first because the \$49.99 price tag was still on it, second my brother just borrowed fifty dollars from me that morning. Even after all of this I still felt that somehow we could work it out. Then I discovered I had hit the lotto for ten million dollars so I quit my job and bought us two tickets to Jamaica to try to put the spice back into our marriage. But when I got home you were gone and I found the letter you left for me.

Well anyway I guess everything happens for a reason. I hope you and my brother have the filling life you always wanted. By the way my lawyer said with the divorce and letter you wrote you won't be entitled to a dime. Take care.

P.S. I don't know if I ever told you this but my brother Carl was born Carla. I hope that's not a problem.

Sincerely, your ex

My dry cleaner very generously gives each customer a free copy of the daily newspaper. As I took my copy, I told him, "I hope the business grows enough to offset the cost of the papers."

"Oh, don't worry about us," he said. "Nothing dirties clothes more than newsprint."

Some minds are like concrete, thoroughly mixed up and permanently set.

In just two days, tomorrow will be yesterday.

Smart Shepherd

A shepherd was looking after his flock near a remote road. Suddenly a brand new Porsche screeches to a halt. The driver, a man dressed in an Armani suit, Cerutti shoes, Ray-Ban sunglasses, TAG-Heuer wrist watch, and a Pierre Cardin tie, gets out and asks the Shepherd, "If I can tell you how many sheep you have, will you give me one of them? And if I can't, I'll give you this watch."

The shepherd looks at the young man, looks at the large flock of grazing sheep and replies, "Okay."

The young man parks the car, connects his laptop to the satellite link, enters a NASA web site, scans the ground around his GPS, opens a survey app, then prints out a full report on his high-tech mini-printer.

He turns to the shepherd and says, "You have exactly 1,586 sheep here."

The shepherd says, "Impressive, that's correct, you can have your sheep."

The young man makes his pick and puts it in the back of his Porsche. The shepherd looks at him, smiles, and asks "If I guess your profession, will you return my animal to me with the watch?"

"Sure, why not."

"You are an IT consultant."

"That's correct! But how did you know?"

"Simple. First, you came here without being called. Second, you charged me a fee to tell me something I already knew. And third, you don't understand anything about my business. Now, I'll take my dog back!"

=====
Date: 24 Apr 2020 23:05
From: GM3YEW@GB7YEW
To: HUMOUR@WW
Subject: jokes 25/4

B-52

An F-4 fighter was flying escort for a B-52 and was generally making a nuisance of himself by flying rolls around the lumbering old bomber. The fighter pilot sent a message to the B-52 crew: "Anything you can do I can do better!"

Not to be outdone the bomber pilot accepted the challenge. He sent this reply: "You're on! Let's see you do this..." The B-52 just continued its flight straight and level.

Perplexed the fighter pilot asked "So? What did you do?"

"We shut down TWO engines."

A cowboy appeared before St. Peter at the Pearly Gates.

"Have you ever done anything of particular merit?" St. Peter asked.

"Well, I can think of one thing," the cowboy offered. "On a trip to the Black Hills out in South Dakota, I came upon a gang of bikers who were threatening a young woman. I directed them to leave her alone, but they wouldn't listen. So, I approached the largest and most heavily tattooed biker and smacked him across the face, kicked his bike over, ripped out his nose ring, and threw it on the ground. I yelled, "Now, back off! Or I'll kick the #\$9@ out of all of you!"

St. Peter was very impressed. "When did that happen?"

"Oh, just a couple of minutes ago."

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 for the above topics:

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NV6W, James D. Armstrong, Jr.,
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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 NOARY
e-mail: wb6yru@ix.netcom.com

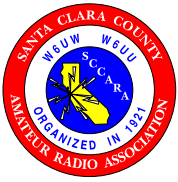
Newsletter Notes

If you get the *SCCARA-GRAM* by postal mail you probably didn't notice anything different. But if you get it by email (and that's most of you) the July edition should have arrived in your email box on July 30. Sorry for the delay. Our keeper of the club email list, Wally KA6YMD, has suffered some eye trouble recently and he's the only one with the keys to the list.

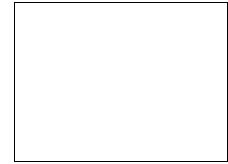
There was no info about a topic for the August meeting. But I have something that might be of historical interest to some of you.... We have an archive box of manuals. Of course that's **not** stuff that should be archived, it should be with the equipment at the club station. That's a work in progress. However, some of it is pretty old: There's a photocopy of a manual for a Poly-Comm AM 2 m tube radio (1963), ELMAC AF-67 trans-citer (1953), schematics and manual for a model 19 teletype (1956), and a manual for a RC-850 controller (1983). That stuff is long gone, but at least we have the documents. If anyone is interested in perusing these documents, I'll bring it to the August meeting. Except for the RC-850, it was all tubes back then. Did you know SCCARA had a teletype station in the 1950's? Evidently we did. That's digital you know, and way back in the 1950's no less... not bad, huh?



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.