

SCCARA-GRAM



Santa Clara County Amateur Radio Association

Volume 35, Number 10

October 2019



President's Prose

There are two opportunities to visit SCCARA's club station at the Red Cross this month. The first opportunity is on Saturday, October 5, 2019 for the California QSO Party (where the goal is for all stations to contact a California station on CW or SSB) that starts at 09:00 Saturday morning and goes till 15:00 Sunday. Don will open the station at 08:30 Saturday. There will be several members staying all night to operate until the end of the contest on Sunday. Contact Don K6PBQ or Gregg KF6FNA if you are interested in participating (contact info. in the SCCARA-GRAM and our web site: <http://www.qsl.net/sccara>.)

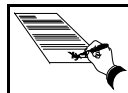
The second opportunity is on Saturday, October 26, 2019 and will open at noon (after the SVECS breakfast, see article by Lou WA6QYS.) On this day there is the CQ Worldwide DX Contest, SSB. Make a day of it and visit the station after the SVECS Breakfast!

The speaker for the Oct. 14, 2019 SCCARA Meeting will be Joel Wilhite KD6W who will be speaking on HDTV. Joel is active in Amateur Television (ATV) and was instrumental in putting up an HD ATV repeater. This is a wonderful opportunity to learn about the ATV aspect of Amateur Radio.

October is also the month for Nominations for the 2020 officers (elections at the November 11, 2019 meeting.) The President, Vice President, Secretary and Treasurer positions have a one year term and are open for nominations. The Director positions are two year terms and the positions held by Lou WA6QYS and Wally KA6YMD are open for nominations. All current officers indicated that they will run again for 2020.

Hope to see you at the meeting!

73, Gregg KF6FNA, kf6fna@comcast.net



Club Station

SCCARA will operate the California QSO party on Saturday Oct 5 from 10 AM to 4 PM

SCCARA will operate the ARRL Sweepstakes, both CW and SSB. On November 2: CW from 1 PM to 4 PM.

On November 16: SSB from 12 noon to 4 PM

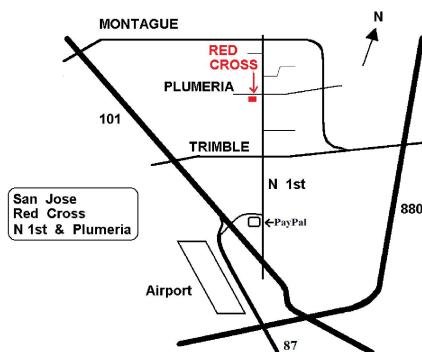
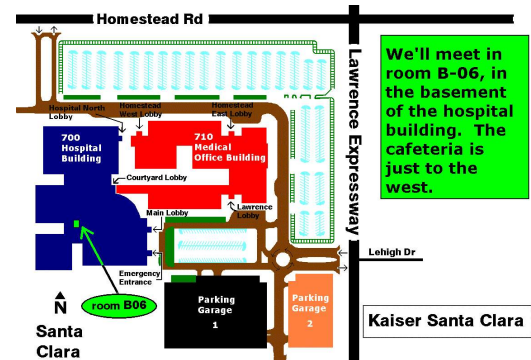
Don K6PBQ

Calendar

- 10/14 SCCARA General Meeting
- 10/21 SCCARA Board Meeting--(San Jose Red Cross, 7:30p, all are welcome)
- 10/5 Club station open, 10 AM - 4 PM
- 11/2 Club station open, 1 PM - 4 PM

General Meeting

- Day: Monday, Oct. 14, 2019
- Time: 7:30 PM
- Place: Kaiser Santa Clara, Hospital B-06
- Featuring: Joel Wilhite KD6W on ATV/HDTV



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: n6truhamradio@gmail.com | |
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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

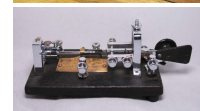
For Sale

Vibroplex

Lighting bug, grey base, SN 271598, 1973.
Mint condition.
With case (fair condition) \$170



Original bug, black base, SN 114662, 1940.
Good condition.
With case (fair condition). \$170



Don Village K6PBQ. 408-263-2789

{stock photos}

SVECS Breakfast

If you missed Rachel Kinoshita's battery presentation in February, she will give it again at the SVECS Breakfast on October 26th, 2019.

You are invited to the Silicon Valley Emergency Communications System (SVECS) Quarterly Breakfast on Saturday, October 26th, 2019 at the Santa Clara Senior Center, 1303 Fremont Street, in Santa Clara. The delicious meal will be served at 0900 followed by a program at 1000.

Rachel Kinoshita KK6DAC, a member of Menlo Park CERT and South San Mateo County ARES will present a very in-depth discussion of batteries for handheld use and also 12 volt portable operations. She made comparisons of different battery chemistries with pros and cons of each and their various characteristics, such as shelf life, current capability, single use/rechargeability, leakage, capacity, and cost effectiveness. The results of Rachel's thorough research and testing will help you decide which batteries would be the optimum choice for your particular application.

The door prize and breakfast prices needed to be adjusted to conform to our budget. The door prize will be \$100 and the breakfast cost will be \$6. I hope this will not inconvenience anyone.

We need to know how many attendees to plan for, so please RSVP on your city nets or to: w6qys.aol.com.

Since this is an all voluntary effort if you could come at 0730 your help would be appreciated... many hands make light the work. If you have any surplus items, donations to the raffle table would be graciously accepted.

Lou WA6QYS

ARRL News

From *The ARRL Letter*, Aug. 29, 2019

ARRL HF Band Planning Committee Reactivated to Address Spectrum Issues

In an effort to more effectively address HF digital technology issues, ARRL President Rick Roderick, K5UR, has reactivated the ARRL Board of Directors' HF Band Planning Committee. The six-member panel, chaired by First Vice President Greg Widin, K0GW, will primarily focus on spectrum allocation issues that have gained increased visibility with discussions on accommodating automatically controlled digital stations (ACDS)

-- many employing Winlink email. The committee will also discuss operating frequencies for FT4, FT8, and other digital modes. Widin says the committee will meet next week to chart its course. Reactivation of the HF Band Planning Committee came out of discussions during the July 2019 ARRL Board meeting.

ARRL HF Band Planning Committee Chair and First Vice President Greg Widin, K0GW



"ARRL is not trying to shut down digital communication or shut down Winlink in particular," Widin said, adding that ARRL recognizes Winlink's proven track record in emergency communication. His committee also will consider Winlink supporters' calls for the expansion of the ACDS segments spelled out in §97.221(b) of the amateur rules.

"This is not an easy task by any means," Widin allowed. "They're not making more bandwidth."

"We're well aware that Winlink is the de facto standard supporting emergency communications in many parts of the country, but we have to figure out how it can operate with other modes, so that everybody can communicate, without having one mode overrun any other mode," Widin said. The committee will not address data encryption questions at this point, however.

In response to ARRL's 2013 petition to delete the so-called "symbol rate" limit and replace it with a maximum bandwidth for data emissions of 2.8 kHz below 29.7 MHz, the FCC proposed to eliminate symbol rate (baud rate) limitations for data transmissions but declined to propose a bandwidth limitation.

At its July meeting, the ARRL Board of Directors called for ARRL's Washington Counsel to obtain FCC approval for several Part 97 rule changes. The Board asked for a rulemaking petition to remove the current 300 baud rate limitation; authorize all ACDS below 30 MHz, regardless of bandwidth, to operate only within the ACDS bands designated in §97.221(b); require digital stations operating with a bandwidth greater than 500 Hz to operate within the ACDS bands, whether or not automatically controlled, and limit the maximum bandwidth of digital signals below 29 MHz to 2.8 kHz.

"We still want to change the symbol rate limitation into a bandwidth limitation, which makes a lot more sense in terms of current and future modes," Widin said. The panel also hopes to work with the WSJT-X Development Group to establish FT4 frequencies compatible with existing band plans.

160 Years Since The Carrington Event

September 1 marks the 160th anniversary of the Carrington Event, the strongest geomagnetic storm known to have hit Earth since at least the 14th century. The event was named for British astronomer Richard Carrington, who first viewed and sketched the huge sunspot complex on the sun from which a gigantic solar flare -- a coronal mass ejection -- erupted, as he watched.



Within hours, Earth was virtually enveloped by an aurora borealis that was visible even at lower latitudes and into the tropics. It was a truly spectacular light show that in some places, turned night into day. When the flare interacted with Earth's magnetosphere, however, it was another story.

This was the Victorian age, when practical wireless was still a few decades off, but the "auroral phenomena," as it was called then, had "a remarkable manifestation of magnetic influence" on telegraph wires -- the internet of the day, as it were. So considerable was the effect that The New York Times reported telegraph operators were able to disconnect the batteries that normally operated the system and were "working by the atmospheric current entirely!" Although the operators subsequently were able to reconnect their batteries, the storm continued to affect the lines. A telegraph manager in Pittsburgh reported "streams of fire" emitted from the circuits. In Washington, DC, telegraph operator Frederick W. Royce was severely shocked as his forehead grazed a ground wire. A witness said an arc of fire jumped from Royce's head to the telegraphic equipment.

The Times account quoted an operator in Worcester, Massachusetts, who said, "During ten years' experience in telegraphing, I have frequently observed the effect of the Aurora Borealis on the wires, but never before have I seen it so grand and appalling."

Operators said that at times the polarity of the battery power supply would become reversed. "One moment the batteries would begin to boil over, and we would have so strong a circuit that the armature would not come away from the magnet; the next moment, there would be no current at all," a report from Quebec recounted.

Based on examinations of ice samples, scientists believe that geomagnetic storms two and three times stronger occurred prior to the 14th century.

After the Carrington Event, scientists began paying a lot more attention to solar phenomena and sunspots.

-- Thanks to Frank Donovan, W3LPL

From *The ARRL Letter*, Sept. 12, 2019

FCC Proposes to Make All Universal Licensing System Filings Electronic

The FCC is seeking comment on a Notice of Proposed Rulemaking (<https://docs.fcc.gov/public/attachments/FCC-19-87A1.pdf>) that is part of an overall plan to transition completely to electronic filing, licenses, authorizations, and correspondence. The notice proposes to make all filings to the Universal Licensing System (ULS) electronic, expand electronic filing and correspondence elements for related systems, and require applicants to provide an email address on the FCC forms related to these systems. Although much of the FCC's ULS filings are already electronic, the changes suggested in the NPRM (in WT Docket No. 19-212) would require all Amateur Radio Service applications to be filed electronically. Under current rules, Amateur Radio applications may still be filed manually, except those filed by Volunteer Examiner Coordinators (VECs).

"Given the drastic changes that have occurred with regard to the ubiquity of the internet and increased personal computer access, we find it unlikely that electronic filing remains infeasible or cost-prohibitive for the previously exempted types of filers, or that they lack resources to file electronically," the FCC said in the NPRM, released on September 6. "We therefore propose to

eliminate Section 1.913's exemptions to mandatory electronic filing.”

The FCC said that while the vast majority of ULS applications today are submitted electronically, some are still manually filed, largely from exempted filers, such as radio amateurs. Last year, the FCC received some 5,000 manually filed applications out of a total of some 425,000. The FCC is seeking comment on whether its underlying assumptions about the ease of electronic filing for previously exempted filers are valid.

This NPRM also seeks comment on additional rule changes that would further expand the use of electronic filing and electronic service. The FCC stopped providing printed Amateur Radio license documents in 2015.

“Together, these proposals will facilitate the remaining steps to transition these systems from paper to electronic, reducing regulatory burdens and environmental waste, and making interaction with these systems more accessible and efficient for those who rely on them,” the FCC said.

Comments are due within 30 days of the NPRM's release.

From *The ARRL Letter*, Sept. 19, 2019

ARRL Renews Request for FCC to Replace Symbol Rate with Bandwidth Limit

In ex parte comments filed on September 17 in WT Docket 16-239 https://ecfsapi.fcc.gov/file/1091828798020/ARRL%20FCC%20Docket%2016-239%2009_17_2019.pdf ARRL renewed its request that the FCC delete symbol rate limits below 29.7 MHz for data transmissions in the Amateur Service rules. As it did in its initial filing, ARRL asked the FCC to couple the removal of the symbol rate limits with the adoption of a 2.8 kHz bandwidth limit. In response to ARRL's 2013 ARRL Petition for Rulemaking, RM-11708, www.fcc.gov/ecfs/filing/6017477458/document/7520958815, the FCC proposed deleting the symbol rate limits but declined to replace them with the 2.8 kHz bandwidth that ARRL wanted.

“This proceeding addresses an update to the Commission's rules that is needed because a limitation in the rules unintentionally is inhibiting US amateurs from employing the latest improvements to some of the digital modes,” ARRL said in its remarks. “Data signals commonly used for daily communications as well as in disaster situations have bandwidths in the range of 2.5 kHz and must co-exist with other modes that use bandwidths as narrow as 50 Hz.”

ARRL said the 1980s-era symbol rate limits today inhibit the use of some efficient data modes. Repealing the symbol rate limit, ARRL contended, would “allow shortened transmission times for the same amount of data without increasing the bandwidth occupied by the signal. Other Amateurs would benefit by the resulting reduction in potential interference.”

Other Issues

ARRL's remarks also addressed issues raised by other parties. “Discussion by commenters in this proceeding delve into subjects well beyond its scope,” ARRL said, noting that it had attempted to broker consensus among “some of the most active commenters” with an eye toward exploring possible areas of agreement for the FCC's consideration. ARRL noted that the parties to the ARRL-arranged talks declined to forward to the FCC “joint

recommendations on which conditional agreement had been reached.”

One of those issues involves Automatically Controlled Digital Stations (ACDS). Commenters' concerns focused on interference that could occur with a move away from symbol-rate criteria. ACDS with signals wider than 500 Hz below 29.7 MHz are confined to specific subbands. ARRL recommended that the FCC consider rules changes that would have all ACDS stations and digital stations with bandwidths greater than 500 Hz share identified subbands.

ARRL said if additional signals are added to the ACDS subbands, as recommended, that it would strongly support expanding the HF ACDS subbands. But, the League added, “changing the subband boundaries requires study and careful consideration of trade-offs, because any changes will affect multiple user interests.” ARRL referred subband reformulation issues to its HF Band Planning Committee for study and recommendations.

Some commenters also raised the issue of obscure and encrypted messages. ARRL pointed out in its ex parte remarks that it remains opposed to encryption in the amateur bands, but disagreed “with commenters who argue that the digital modes being used by radio amateurs around the world are per se 'obscured' or 'encrypted.'”

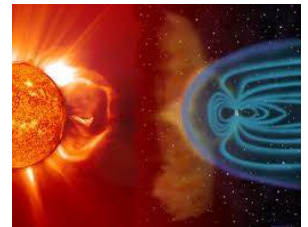
From *The ARRL Letter*, Sept. 26, 2019

1921 Solar Event May Have Been Bigger than Carrington Event

Scientific American reports that, according to new data, the “New York Railroad Storm” of 1921 may have surpassed the intensity of the famous Carrington Event of 1859.

www.scientificamerican.com/article/new-studies-warn-of-cataclysmic-solar-superstorms/

In his paper published in the journal *Space Weather*, Jeffrey Love of the US Geological Survey and his colleagues reexamined the intensity of the 1921 event in greater detail than previously.



Although different measures of intensity exist, geomagnetic storms are often rated on an index called disturbance storm time (D_{st}) -- a way of gauging global magnetic activity by averaging out values for the strength of Earth's magnetic field measured at multiple locations. Earth's baseline D_{st} level is about -20 nanoteslas (nT), with a “superstorm” condition occurring when levels fall below -250 nT. Studies of the very limited magnetic data from the Carrington Event peg its intensity at anywhere from -850 to -1,050 nT. According to Love's study, the 1921 storm came in at about -907 nT.

Peter Ward in his 2017 New York History Blog article “Strange Phenomena: The New York Railroad Storm” recounted that theatre-goers in New York City “marveled at the spectacle” of an iridescent cloud that was brighter than the moon. “On the roof of the Times Building, reporters, having discovered the telegraph lines to be curiously blocked, gathered to watch the aerial kaleidoscope,” he wrote. <https://newyorkhistoryblog.org/2017/07/strange-phenomena-the-new-york-railroad-storm/>.

As with the earlier Carrington Event, telegraph operators experienced wild fluctuations in the current on their circuits, while wireless propagation was enhanced. “The next day, papers

reported that the Central New England railroad station (also home to the telegraph switchboard) had burned to the ground." Railroad officials later blamed the fire on the aurora.

According to Ward's article, the lights were visible in New York, California, and Nevada. Especially in rural areas, "the lights were said to be brighter, appear closer to the ground, and even move with a swishing sound."

Railroad and telegraph service were restored the following week, although one Western Union transatlantic cable showed signs of damage. "Delays and damage lead to some referring to it as the New York Railroad Storm," Ward wrote.

A dramatic description (<http://www.solarstorms.org/SS1921.html>) of the event on the SolarStorms.org website said, "At 7:04 AM on May 15, the entire signal and switching system of the New York Central Railroad below 125th Street was put out of operation, followed by a fire in the control tower at 57th Street and Park Avenue."

The short article said a telegraph operator reported being driven away from his station by flames that enveloped his switchboard and set the building on fire. "In Sweden a telephone station was reported to have been 'burned out,' and the storm interfered with telephone, telegraph, and cable traffic over most of Europe," the article said.

Meeting Minutes

General Meeting, July 8, 2019



Conference Room B-06, Kaiser Hospital building
Lawrence Expressway and Homestead R., Santa Clara, CA

Meeting called to order by Greg Lane KF6FNA, President at 7:35 PM

Customary self introductions (attendance sign-in attached)
Number of member present: 17 Number of visitors present: 3.
KC6TYD Rob Fenn; KN6BAV Connor Fagros; KD6GRD Ken Cleaver.

Announcements

SVECS Breakfast: Lou Steirer, WA6QYS. On Saturday, July 19. Breakfast at 9 AM, Speaker at 10 AM. Alan Thompson W6WN will talk on the "Camp Fire".

Ham Shack at the American Red Cross will be open 12 noon to 4P. on Saturday, July 19 after the WSVECS breakfast. Don Village, K6PBQ will have a talk in on SCCARA frequency.

Flea market is Saturday, July 13, at Foothill. SVECS will be sponsoring the Aug 10 Flea market.

Field Day 2019: Greg thanked all the volunteers who participated. There were 5 stations. Scores are forthcoming. We need the names of those who operated the GOTA station.

Speaker: Rob Fen, KC6TYD, who spoke on "Parachute Mobile - Past, Present, and Future" It's about how ham radio and sky diving are combined.

Meeting adjourned at 09:00 PM

Barbara K. Britten, KD6QEI, Secretary.

General Meeting, Aug. 12, 2019



Conference room B-06, Kaiser Hospital building
Lawrence Expressway and Homestead Rd., Santa Clara, CA

Meeting called to order by President Greg Lane, KF6FNA at 7:30 PM

Customary self introductions occurred. (Attendance sign-in is on record) Members present: 20. Visitors present: AI6MS Marcel Stieber; KK6HWN Paul Gorny; KM6UIH Michael Mark (New member/Tech); Garrett Mathews (working on his ticket).

ANNOUNCEMENTS

(1) Station Trustee, Don Village, N6PBQ. Club station at the American Red Cross building will be open on 8/24 from 10 AM to 4PM.

(2) Picnic: Will be at Henry Schmidt Park as of 10:00 AM on August 25th. The club will provide hot dogs, condiments, water, and sodas. This is a pot luck picnic. There will be a 2mtr talk-in.

(3) Flea Market: Lou Steirer, WA6QYS, reported that the flea market was held this last Saturday, August 10. We were almost sold out of vendors, thanks to SCCARA. The flea market is held in the back parking lot of Fry's Electronics in Sunnyvale. SVECS was the host. FYI, flea markets are always on the 2nd Saturday of the month.

(4) Youth Net: Truman Lindsey, N6TRU needs more mentors.

(5) Field Day 2019: Ron Young W8RJL, said SCCARA gained 1820 total points, which puts us at about the middle of the pack.

SPEAKER

Marcel Stieber AI6MS "How To Install An HF Tower". He has a website, www.QRZ.com/db/AI6MS.

Meeting adjourned at 09:00 PM.

Barbara K. Britten, KD6QEI, Secretary.

General Meeting, Sept. 9, 2019



Conference room B-06, Kaiser Hospital building
Lawrence Expressway and Homestead Rd, Santa Clara, CA.

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

Customary self introductions.

Announcements

President Gregg KF6FNA:

The last flea market will be this Friday, Sept. 14.

There will be a flea market at Pacificon in October.

At the October meeting we'll have Joel Willyte KD6W on ATV and we'll have nominations for SCCARA officers.

Truman N6TRU: looking for suggestions on vertical antennas.

Station Trustee Don K6PBQ:

Club station will be open Sept. 28, 10AM - 4PM. We'll do the CA QSO party there Oct 5, after the SVECS Breakfast.

Guest speaker: George Williams N6NKT gave an interesting presentation on the Silicon Valley Chapter of the American Red Cross and its relationship with SCCARA.

We have a good ARES RACES program. Red Cross has several

volunteers who are amateurs, but many will be busy doing other things in a disaster.

Disaster Service Technology (DST) anything involving radio, networks, communications. Also comes into play during drills and events, Much of it done by volunteers. DST supports staff, not clients.

Volunteers are a valuable resource at the Red Cross.

We use commercial radios, amateur radios (including packet), cell phones, sat. phones, etc

In a disaster, volunteers could be needed 24 hours a day (in shifts) or just part of the day.

SCCARA has been valuable providing operators and equipment and you use it now and then (counts as practice and operational testing).

The radio room is called "ARC Radio Room within the Red Cross, and "SCCARA Club Station" to SCCARA and amateurs.

All radio equipment in the radio room is available for SCCARA volunteers to use. It's open 24/7, but only three club members have key access.

N6NKT@yahoo.com

Meeting adjourned at 8:58 PM

Gary Mitchell, WB6YRU recording for the Secretary

Board Meeting, Sept. 16, 2019



{No minutes were submitted by the deadline. -- Editor}

Packet Pieces

Downloaded from the BBS packet network:

=====
Date: 5 Dec 2012 23:56
From: GM3YEW@GB7YEW
To: HUMOUR@WW
Subject: Jokes 5/12

As I was dropping my son off at daycare the other day, I overheard some of the children talking about their siblings.

"My brother takes karate lessons," bragged one.

"My sister takes gymnastics," said another.

Not to be outdone, the youngest piped up, "My sister takes antibiotics!"

Hours

The darkest hour only has 60 minutes.

Racism

On a flight from Johannesburg, a middle-aged, well-off white South African Lady has found herself sitting next to a black man. She called the cabin crew attendant over to complain about her seating.

"What seems to be the problem Madam?" asked the attendant.

"Can't you see?" she said, "You've sat me next to a kafir. I can't possibly sit next to this disgusting human. Find me another seat!"

"Please calm down, Madam." the stewardess replied. "The flight is very full today, but I'll tell you what I'll do - I'll go and check to see if we have any seats available in club or first class."

The woman gives a snooty look at the outraged black man beside her, not to mention many of the surrounding passengers.

A few minutes later the stewardess returns with the good news, which she delivers to the lady, who cannot help but look at the people around her with a smug and self-satisfied grin:

"Madam, unfortunately, as I suspected, economy is full. I've spoken to the cabin services director, and club is also full. However, we do have one seat in first class."

Before the lady has a chance to answer, the stewardess continues...

"It is most extraordinary to make this kind of upgrade, however, and I have had to get special permission from the captain. But, given the circumstances, the captain felt that it was outrageous that someone should be forced to sit next such an obnoxious person."

Having said that, the stewardess turned to the black man sitting next to the lady, and said: "So if you'd like to get your things, sir, I have your seat ready for you..."

At which point the surrounding passengers gave a standing ovation while the black man was escorted up to the front of the plane.

Be careful of what you wear (or don't wear) when working under your vehicle, especially in public. From Sydney Morning Herald, Australia, comes this story of a west central couple whose car broke down in the parking lot. The man told his wife to carry on with the shopping while fixed the car on the lot.

His wife returned later to see a small group of people near the car, on closer inspection, she saw a pair of male legs protruding from under the chassis.

Although the man was in shorts, his lack of underwear turned private parts into glaring public ones. Unable to stand the embarrassment, she dutifully stepped forward and tucked everything back into their rightful place. On regaining her feet, she looked across the hood and was shocked to find herself staring at her husband who was standing idly by.

The mechanic, however, had to have three stitches put in a wound on his forehead.

An elderly farmer had a pond built away from the house but which was quite nice: picnic tables, horseshoe courts, some apple and peach trees. The pond was properly shaped and fixed up for swimming when it was built.

One evening the old farmer decided to go down to the pond. He grabbed a five gallon bucket to bring back some fruit. As he neared the pond, he heard voices shouting and laughing with glee.

As he came closer he saw it was a bunch of young women skinny-dipping in his pond. He made a polite cough to make the women aware of his presence and they all went to the deep end.

One of the girls shouted to him, "We're not coming out until you leave!"

Quick as a flash the old farmer replied, "I didn't come down here to watch you ladies swim naked or make you get out of the pond." Holding the bucket up he said, "I'm just here to feed the alligator."

Just goes to show that age doesn't necessarily slow down your thinking.

=====
Date: 9 Dec 2012 05:55
From: GM3YEW@GB7YEW
To: HUMOUR@WW
Subject: Jokes 9/12

There are seven parts to this riddle,
Each is part of a greater whole.
You see most of these,
Everyday as you please:

First is what I did to a book yesterday,
Second mixes with apples.
Third is a shout, then "ouch" you say,
Fourth shares the sound of mean.
Fifth is what the wind had done,
The sixth is often skipped.
The last and final can be called by two names,
If roses are this, then which is the blue one?
(Answer below)



The 7 Colors of the Rainbow

Red: read a book

Orange: apples and oranges

Yellow: Yell and Ow

Green: Rhymes with "Mean"

Blue: The wind "blew"

Indigo is often skipped

Violet: Roses are red, Violets are blue.

Need Help?

Amateurs have a long history of helping each other. An experienced amateur who helps another is traditionally called an "Elmer." If you have a question or problem, you are encouraged to ask one of SCCARA's Elmers. Below is a list of topics and who to contact for each. If your topic isn't listed, ask one of the Elmers under the topic that comes closest and we'll ask around.

If you consider yourself to be reasonably competent in at least one area of amateur radio and would be willing help others, please fill out an Elmer form (available from the club secretary or on our web site).

Topics:

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

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

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

EchoLink: **K6GKB**

Emergency operating, preparedness: **WA6QYS**

HF operating techniques: **NV6W, K6PBQ**

Homebrew projects, construction: **WB6YRU**

Legal, FCC rules: **WB6YRU**

License testing, new amateurs: **W6JPP**

Lightning protection, grounding: **WB6YRU**

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

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

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

TVI, RFI: **WB6YRU**

Contacts:

K6GKB, Goetz Brandt, 408-259-7287

e-mail: goetz@ix.netcom.com

NV6W, James D. Armstrong, Jr.,

evening & msg: 408-670-1680

W6JPP, John Parks

e-mail: w6jpp@arrl.net

K6PBQ, Don Village, 408-263-2789

e-mail: donvillage7@yahoo.com

WA6QYS, Lou Steirer, 408-241-7999

e-mail: wa6qys@arrl.net

WB6YRU, Gary Mitchell, 408-269-2924

packet: home BBS N0ARY

e-mail: wb6yru@ix.netcom.com

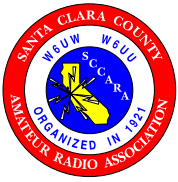
Newsletter Notes

We've got club elections coming up (nominations in October, voting in November). The existing officers are willing to serve another term, but don't let that stop you from throwing your hat in the ring if you've been considering it.

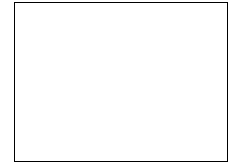
There's another article about petitioning the FCC to drop the symbol rate limitation in favor of bandwidth. Strange that this has been going on since 2013 now.

The articles on the great solar storms are a good reminder to make sure your long antennas are properly designed.

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 2019

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 \$20 per year

(Prorated, \$1.67 per month. That's \$18.33 if starting in February, \$16.67 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.