

SCCARA-GRAM



Santa Clara County Amateur Radio Association

Volume 34, Number 7

July 2018



President's Prose

The dust is still settling from Field Day 2018. SCCARA's score has not yet been tallied. The names of operators, loggers, and guests are still spread between the logging software and sign in sheets. Today I met with Wally KA6YMD at the Red Cross to do a last walk thru and make sure that everything was cleaned up and put away. This was a good year for Field Day.

Thanks to George Williams N6NKT (who is in charge of the Red Cross Radio Room) for negotiating the use of the San Jose Red Cross Building for SCCARA's Field Day. The Red Cross's Saturday classes provided a large pool of visitors to share in the patio BBQ run by Pit Master Don Village K6PBQ. While they were in the patio they had a chance to observe and/or participate at the GOTA station run by Wally Britten KA6YMD. Mike and Joan Hastings were available for answering questions and encouraging guests to join in the BBQ. For most visitors Wally and Don were the faces of Field Day. The patio had all three important elements of a good club event: radio, food, and socializing.

Many hot hours were spent of the Red Cross roof working on antennas. Thanks to Wally KA6YMD, Lou WA6QYS, Rusty KI6ZSK, George N6NKT, James KM6TVT, Alvin W6ATW, and Rich K6ZPR.

Thanks to Goetz K6GKB who provided a complete station for the GOTA station.

Thanks to Gary WB6YRU for printing the visitor sign in sheets and posting the signs that directed visitors as well as photographing field day.

Thanks to Paul KK6HWN for setting up the logging software and keeping the computers running.

I hope that everyone had a good time at Field Day 2018. The advantages of having an accessible building with plenty of parking, designated BBQ patio, indoor plumbing, drinking fountains, air conditioning, and a full kitchen makes the San Jose Red Cross Building a prime candidate for future Field Days. I spoke to George N6NKT and he said that he was looking forward to the Red Cross sponsoring a SCCARA Field Day again. Thanks again to everyone that helped make this event a success.

73, Gregg KF6FNA, kf6fna@comcast.net

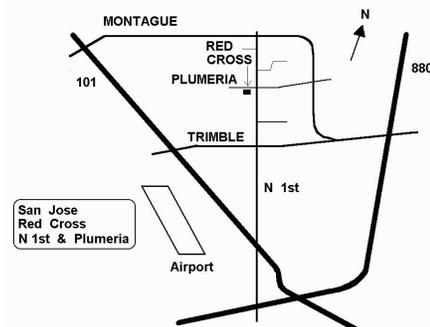
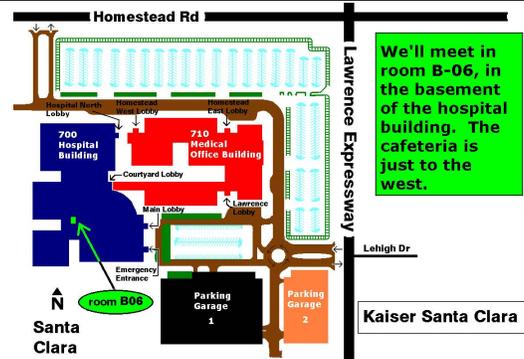


Calendar

- 7/9 SCCARA General Meeting
- 7/14 Electronics Flea Market
- 7/16 SCCARA Board Meeting--(San Jose Red Cross, 7:30p, all are welcome)

General Meeting

- Day: Monday, July 9, 2018
- Time: 7:30 PM
- Place: Kaiser Santa Clara, Hospital B-06
- Featuring: {to be announced}



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

BOARD OF DIRECTORS

(officers are also directors)

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Webmaster	Wally Britten, KA6YMD	408-293-3847
	e-mail: ka6ymd@arrl.net	

SCCARA REPEATERS

SCCARA owns and operates two repeaters under the call W6UU:

2 meter: 146.985 - PL 114.8
70 cm: 442.425 + PL 107.2

Phone auto-dial and auto-patch is available. The two meter repeater is located at Eagle Rock near Alum Rock Park in the foothills of east San Jose. The 70 cm repeater is located at the Regional Medical Center (formerly Alexian), east of downtown San Jose, north of 280 and 101.

SCCARA NETS

On our two meter repeater: Mondays at 7:30 PM, (not the second Monday--our meeting night). Coordinator: Don Village, K6PBQ. On ten meters, 28.385 MHz USB, Thursdays at 8:00 PM. Net control: Wally Britten, KA6YMD. Visitors welcome.

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

Roy Metzger K6VIP SK

It is with a heavy heart that I pass along the news that Roy K6VIP, became a Silent Key on Saturday, June 16th 2018. That day happened to be his 96th birthday and also one year and four days after the passing of his wife Virginia, K6IUU. They were very active in SCCARA for many many years. Condolences to the family from SCCARA.

Lou, WA6QYS

{Roy was first licensed in 1956. The records are spotty, but as near as we can determine he joined SCCARA sometime between 1978 and 1985. – Editor}

Electronics Flea Market

The next Electronics Flea Market will be held at Fry's Electronics, 1077 E. Arques Ave., Sunnyvale on July 14th 2018. The sponsor will be SVECS (Silicon Valley Emergency Communications System). SCCARA will have a vendor space to sell donated and surplus items. Please volunteer to help both groups....the SVECS food booth and the SCCARA sales table. Time slots are available from 0500 to 1200. Please help make these successful events by your participation. To volunteer send an e-mail to WA6QYS@arrl.net.

Thank you, Lou WA6QYS

ARRL News

From *The ARRL Letter*, May 31, 2018

South Africa now has a 100 kHz band at 5 MHz.

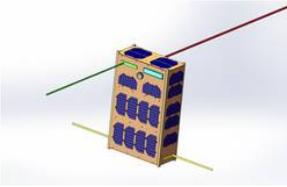
South Africa's telecommunications regulator Independent Communications Authority of South Africa (ICASA) has included a shared 100 kHz wide band at 5 MHz (60 meters) of 5,350 to 5,450 kHz in its just-published National Radio Frequency Plan 2018, at a maximum power of 15 W EIRP. The band is being made available on a non-interference basis. In addition, ICASA allocated a single channel at 5,290 kHz for the 5 MHz propagation research project. South African Radio League (SARL) President Nico van Rensburg, ZS6QL, said SARL still hopes for a higher power level on the new 60-meter band. "Continue to use 5,290 kHz for WSPR and await the announcement of the 60-meter band plan before operating on the new allocation," he advised SARL members.

-- Thanks to SARL and *The 5 MHz Newsletter*.

From *The ARRL Letter*, June 14, 2018

CAMSAT Offers More Details on New Satellites, One Carrying HF Transponders

CAMSAT, China's Amateur Radio Satellite organization, has offered additional details about the three Amateur Radio satellites it plans to launch later this year. Two of the satellites, designated CAS-5A and CAS-6, will carry transponders, and one of them will offer HF capability.



Artist's rendering of the CAS-5A satellite. The antennas are quarter-wave monopoles.

[Image courtesy of CAMSAT]

CAMSAT's Alan Kung, BA1DU, told ARRL that the 6U CAS-5A will carry two HF transponders and two V/UHF transponders. The plentiful equipment package includes an H/T (21/29 MHz) mode linear transponder, an H/U (21/435 MHz) mode linear transponder, a HF CW telemetry beacons, a V/U linear transponder, a V/U FM transponder, a UHF CW telemetry beacon, and UHF AX.25 4.8k/9.6k baud GMSK telemetry.

- The H/T mode linear transponder will have a 30 kHz wide uplink centered on 21.400 MHz, and a downlink centered on 29.490 MHz. RF output is 0.5 W.
- An HF CW telemetry beacon will transmit on 29.465 MHz with 0.1 W.
- The H/U mode linear transponder will have a 15 kHz wide uplink centered on 21.435 MHz, and a downlink centered on 435.505 MHz. The RF output is 0.5 W.
- The V/U mode linear transponder will have a 30 kHz wide uplink at 145.820 MHz, and a downlink at 435.540 MHz. The RF output is 0.5 W
- The V/U mode FM transponder will uplink at 145.925 MHz, and downlink at 435.600 MHz. The transponder passband is 15 kHz, and the RF output is 0.5 W.
- The UHF CW telemetry beacon will transmit on 435.570 MHz, with an RF output of 0.1 W.
- UHF AX.25 4.8k/9.6k baud GMSK telemetry will transmit on 435.650 MHz at 0.5 W.

A satellite within a satellite, the tiny CAS-5B, weighing 0.5 kilogram, will be deployed from CAS-5A in orbit. It will carry a UHF CW beacon on an Amateur Radio frequency. CAS-5A will launch from the Jiuquan Satellite Launch Center in late September.

Set to be launched at sea, the 50-kilogram CAS-6 microsat will include a VHF CW telemetry beacon, a U/V mode 20 kHz linear Amateur Radio transponder, and AX.25 4.8k baud GMSK telemetry. It will also carry an atmospheric wind detector and other systems that will operate on non-amateur frequencies.



Mike N9OHW logging a CW contact



Adjusting the beam at the CW station.

Field Day Photos



Kelly WB6AAJ working CW in our radio room at the Red Cross



Wally KA6YMD and Rich K6ZPI at the GOTA station on the patio.

There were classes at the Red Cross earlier in the day on Saturday, this is what they saw on the back patio. They were treated to free hotdogs and a chance to make a contact.



Wally KA6YMD and Rich K6ZPI at the GOTA station on the patio.



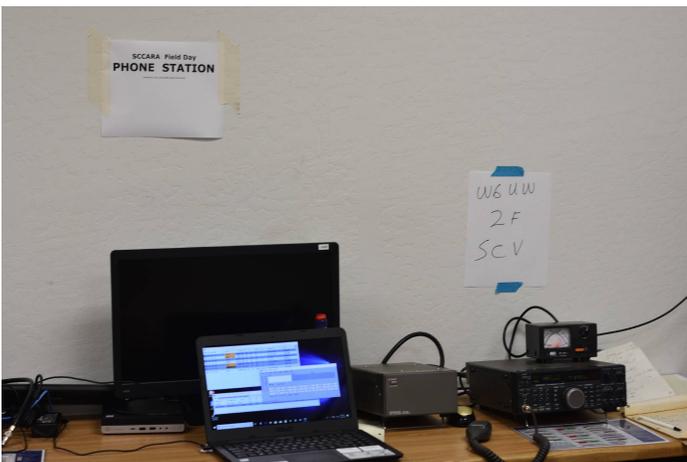
Paul KK6HWN at the phone station looking for a contact.



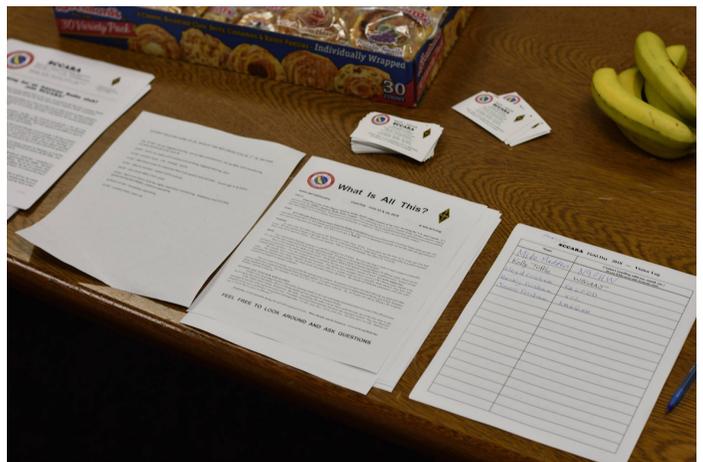
Gregg KF6FNA, Wally KA6YMD and Rich K6ZPI (left to right) at the GOTA station after it was moved inside at night (for security reasons) to a utility room near the patio. Fortunately there was a mail slot in the door, allowing us to get the coax to the station while still having the outside doors closed.



Gregg KF6FNA (left) talking to George Williams N6NKT (center), Red Cross official. And Rusty K16ZSK taking a break. This is a small meeting room (where the board meets), the radio room is through the door on the left. The CW station is in the radio room, the phone station is just out of view on the left.



The Phone station, set up just outside the small radio room.



Snacks and information handouts for visitors.



We put up an end-fed wire antenna for the GOTA station (under the blue canopy)



Vertical antenna.

The vertical antenna, beam, and dipole on the roof were switched between the phone and CW stations.

Photos by Gary Mitchell WB6YRU

responders to rapidly deploy emergency response teams. Visit their web page at: www.teamrubiconusa.org

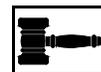
So as to know how many attendees to expect please RSVP to WA6QYS@arrl.net

Since this is an all voluntary effort please consider coming at 0730 and help to unload supplies, help in the kitchen or help set up the auditorium. If you can help, please e-mail me your availability. Many hands make light the work. If you have any surplus items please bring them, as donations for the raffle table are greatly appreciated.

Lou WA6QYS

Meeting Minutes

General Meeting, June 11, 2018



Kaiser Santa Clara, 700 Homestead Rd., Hospital Building Room B-06

Meeting called to order by President Gregg Lane at 19:45. Introductions were made.

Announcements:

1) Field Day June 23-24, 2018 at the San Jose Red Cross. A sign up sheet will be passed around for volunteering to help out and/or to operate on Field Day.

2) SCCARA will have a sales table at the July 14, 2018 SVECS Electronics Flea Market at Fry's Sunnyvale. A sign up sheet will be passed around for volunteering to work at the Flea Market. See Lou WA6QYS for more information.

3) Lou WA6QYS donated a 1995 ARRL Callbook for a door prize for tonight's meeting. A free ticket will be passed out to all meeting attendees.

4) There will be one more antennae work party held this Saturday (June 16, 2018) to install the beam antennae on the mast. See Gregg KF6FNA for more information.

5) Don K6PBQ will be the BBQ Pit Master for FIELD DAY. He will cook hot dogs at noon to be shared with Field Day Visitors. Don will light more coals for the 4P.M. SCCARA POT LUCK.

The meeting was adjourned at 20:30 and refreshments were shared by all.

Gregg Lane, KF6FNA

Board Meeting, June 18, 2018



Red Cross Building 2731 N. 1st. St., San Jose, CA

Meeting called to order by President Gregg Lane at 19:47.

Attendance: President Gregg Lane KF6FNA; Trustee Don Village K6PBQ; Directors: Lou Steirer WA6QYS, Wally Britten KA6YMD, James Rustermier KI6ZSK. Visitors: Bill Auth KM6QCS, Paul Gorny KK6HWN, Editor Gary Mitchell WB6YRU.

Announcements:

- 1) Field Day June 23-24, 2018 at the San Jose Red Cross.
- 2) SCCARA will have a sales table at the June 14, 2018

SVECS Breakfast

SVECS (Silicon Valley Emergency Communications System) will be having a Quarterly Breakfast on July 28th, 2018. The breakfast will be held at the Santa Clara Senior Center, 1303 Fremont Street, at Monroe, in Santa Clara. An all you can eat breakfast for \$5 will be served at 0900 followed by a program at 1000. Our guest presenter will be Magdy Zakhary with TEAM RUBICON. He will speak of their mission and deployments far and wide. TEAM RUBICON is non-profit organization that utilizes the skills and experiences of military veterans with first

SVECS electronic flea market at Fry's Sunnyvale.
3) SVECS breakfast July 28, 2018.
4) Roy Metzker K6VIP passed away July 16, 2018 on his 96th birthday.

Treasurers Report:

Goetz Brandt sent email- as of June 14, 2018
checking = \$7, 670.59
savings = 500.07
cash = 701.57
TOTAL = \$8, 872.23

Trustee's Report:

1) Club station will not be open June 30, 2018
2) Wally KA6YMD will be SCCARA Monday net control July 30, 2018. Will also open club station Saturday, July 28, 2018 after the SVECS breakfast.
3) Don added shelves to the cabinets at the club station.

Editor's Report:

1) Gary will print signs for front and back Red Cross Doors and Field Day operating stations to direct visitors for Field Fay.
2) Gary will print SCCARA cards, and Field Day information sheets, and visitor sign-in sheets.
3) Asked whether SCCARA has a ARRL club membership. If so, what's the password?
4) Gary gave Gregg and Wally a sheet with codes and passwords to club assets, and pointed out some are missing.

President's Report:

1) All antenna work on Red Cross roof done. GOTA antenna to be put up on Saturday.
2) The GOTA station will be on the Patio next to the BBQ. Hot dogs will be cooked at noon and shared with visitors. SCCARA pot luck will start at 4 P.M.
3) Paul KK6HWN is loading up N1MM logging software on computers.
4) SCCARA is listed on the ARRL Field Day Locator thanks to Wally.
5) Food shopping will be done on Thursday.
6) Gregg will meet Don on Friday at 2 P.M. to check out the Patio and the BBQ at the Red Cross.

Meeting closed at 20:47

Gregg Lane, KF6FNA

Packet Pieces

Downloaded from the BBS packet network:

=====
Date: 26 Dec 2015 03:26
From: GM3YEW@GB7YEW
To: HUMOUR@WW
Subject: Jokes 24/12

Drinking and driving

Two days ago I was out for an evening with friends and had several cocktails followed by some rather nice red wine. Feeling rather jolly, I still had the sense to know that I may be slightly over the limit. That's when I did something that I've never done before - I took a cab home. Sure

enough on the way home there was a police road block, but since it was a cab they waved me past. I arrived home safely without incident. This was a real surprise as I had never driven a cab before, I don't know where I got it and now that it's in my garage I don't know what to do with it.

There's a store that sells 'New Husbands' where a woman may go to choose a husband. There are instructions at the entrance and description of how the store operates:

You may visit this store ONLY ONCE! There are six floors, and the value of the products increase as the shopper ascends the flights! The shopper may choose any item from a particular floor, or they may choose to go up to the next floor, but they cannot go back down, except to exit the building!

A woman goes to this 'Husband Store'. On the first floor the sign reads:

Floor 1 - These men Have Jobs.

She's intrigued, but continues to the second floor, where the sign reads:

Floor 2 - These men Have Jobs and Love Kids.

'That's nice', she thinks, 'but I want more!'

She continues upward, to the third floor, where the sign reads:

Floor 3 - These men Have Jobs, Love Kids, and are Extremely Good Looking.

'Wow,' she thinks, but feels compelled to keep going. She goes to the fourth floor, and the sign reads:

Floor 4 - These men Have Jobs, Love Kids, are Extremely Good Looking and Help With Housework.

'Oh, mercy me', she exclaims, 'I can hardly stand it!' Still, she goes to the fifth floor and the sign reads:

Floor 5 - These men Have Jobs, Love Kids, are Extremely good looking, Help with Housework, And Have a Strong Romantic Streak.

She is so tempted to stay, but she goes to the sixth floor, where the sign reads:

Floor 6 - You are visitor 31,456,012 to this floor. There are no men here. This floor exists solely as proof that women are impossible to please. Thank you for shopping at the Husband Store.

To avoid gender bias charges, the store's owner opened a 'New Wives' store just across the street. It operated the same way.

Floor 1 - These women love sex!

Floor 2 - These women love sex and are good looking!

Floor 3 - These women sex, are good looking, and have money!

The fourth, fifth, and sixth floors have never been visited.

Daddy's little girl

One day my mother was out and my dad was in charge of me. I was maybe 2 years old and had just recovered from an accident.

Someone had given me a little 'tea set' as a get-well gift and it was one of my favourite toys.

Daddy was in the living room engrossed in the evening news when I brought him a little cup of 'tea', which was just water. After a few cups of tea and lots of praise for such yummy tea, my mother came home.

My dad made her wait in the living room to watch me bring him a cup of tea, because it was 'just the cutest thing!' My mother waited and sure enough, here I come down the hall with a cup of tea for Daddy. After she watches him drink it, she smiled and said: 'Did it ever occur to you that the only place she can reach to get water is the toilet?'

Exercise

Walking can add minutes to your life. This enables you at 95 years old to spend an additional 5 months in a nursing home at \$5000 per month.

My grandmother started walking five miles a day when she was 60. Now she's 97 years old and we don't know where she is.

The only reason I would take up exercising is so that I could hear heavy breathing again.

I joined a health club last year, spent about 400 bucks. I haven't lost a pound. Apparently you have to go there.

I have to exercise early in the morning before my brain figures out what I'm doing.

I like long walks, especially when they are taken by people who annoy me.

I have flabby thighs, but fortunately my stomach covers them.

The advantage of exercising every day is that you die with better muscles.

If you are going to try cross-country skiing, do it in a very small country.

73 de dave
gm3yew@gb7yew

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:

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:

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

W6JPP, John Parks, 408-309-8709
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

Preliminary Field Day Report

Field Day ended just one day before the newsletter deadline, so our official Field Day report isn't ready yet. But here are some preliminary results:

We operated from the San Jose chapter of the Red Cross this year, which meant our category was 2F instead of our usual 2A. And except for the GOTA station, we were indoors with air conditioning. For us, that was something new. Since I've been a member (1990), we have always set up outside in a park.

The bad news was that the band conditions weren't the best this year. Most contacts were in California and adjacent states. The East Coast was practically unreachable. Despite that, we did fairly well.

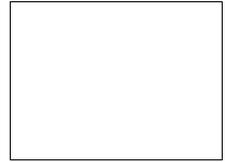
CW station: 78 contacts (WB6AAJ made the most at 32)
Phone station: 163 contacts (KK6HWN made the most at 44)
GOTA station: ?

Stay tuned for more details in the next edition.

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 2018

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% (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 \$30 per year

(Prorated, \$2.50 per month. That's \$27.50 if starting in February, \$25 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.