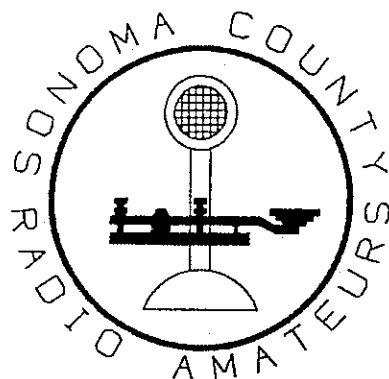


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SHORT SKIP STAFF

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 (submissions) → 3612 Banyan Street, Santa Rosa, CA 95403-1557
 E-mail ab6ol@aol.com
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 CIRCULATION: June Linnehan KD6LSU
 BBS: Donn King KD6ZVG
 AUDIO TAPING: John Breckenridge WB6FRZ
 Laurel Meyer KC6FKX
 Bob Phillips N6RMW
 SWAP SHOP EDITOR: Greg Cowles KE6FXK 829-1583



Club Meetings

7:30 pm, 1st Wednesday each month at the Hewlett-Packard plant in Santa Rosa. (See map below) All are welcome.

NOT AN SCRA MEMBER?

If not, then this is a complimentary copy of *Short Skip*. Our club is involved with almost every area of Amateur Radio: Repeaters (146.73), Field Day, License classes (Novice through Extra), Volunteer exams, RACES, DX programs, Packet radio, Hidden transmitter hunts -- you name it.

VOMARC HAMFEST - SUNDAY, APRIL 21

As you know from previous announcements, I've invited SCRA members as well as any other interested Sonoma County hams to participate in our Special Event Station. Operation will be on SSB on 20 and 40 meters, and CW QRP on 40 meters. If you've discovered HF'ing and want to talk to folks all over the country, call to reserve your spot on the station. We'll be in operation from 8:00 to about 2:00 and will need some time for setup starting at 7:00 and take-down after 2:00. The personnel requirements are for an operator and logger for each position, each of whom usually trade off at 15 to 20 minute intervals. If you haven't gotten your feet wet on the air yet, this is the perfect opportunity to do so with the help of an experienced ham at your side. With two hour shifts, we need a total of seven people, although there's nothing to say that you can't work radios for the whole event. We're announced in QST so we should have a lot of people looking for us.

A final reminder and request from us at VOMARC is to spread the word that we are inviting all amateur radio related organizations to participate with a demonstration and information table relating to their particular field of interest. The club will furnish space and a table for any such group. All we ask is that each group brings an informational sign and materials to distribute to the attendees. There will be no charge for the space and table for any non-commercial interests.

Membership solicitations are acceptable and we encourage any ham reading this to help us "spread the word" and make the VOMARC Hamfest a growing success. Give me a call. 73. Darrel WD6BOR. 707-996-4494

IS IT HERE YET?

Want to find out what if your new FCC license has been granted? Has it been 10 days since you took your examination?

If so, Call ARRL at 1-860-594-0300 (8 am to 5 pm weekdays, eastern time) to find out. We suggest that you not call the FCC (should you choose to call the FCC at 1-800-322-1117 during business hours, be aware that their number is normally busy).

Your hardcopy (printed) license would follow shortly after the license grant is indicated in the FCC Amateur Service data base.

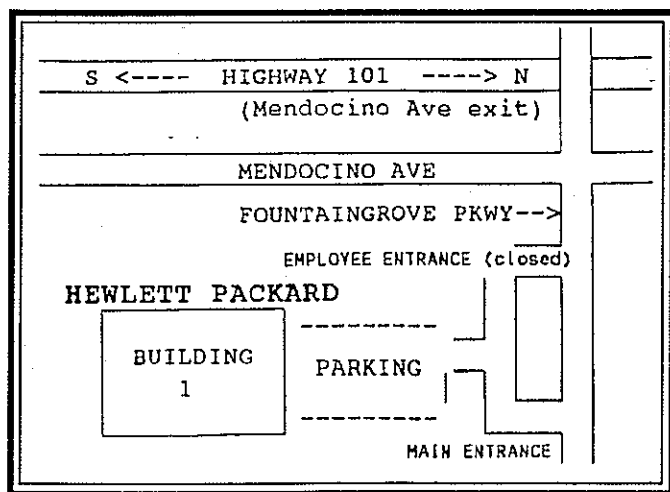
If your test was coordinated through the ARRL/VEC, license turnaround time will be approximately 7-15 days. This includes 1-5 days for the VE team to complete their processing (the team has up to 10 days before they must mail the results), 3-5 days between the VE team and the VEC; 2 business days at the VEC (in some cases only 1 day); and 1-3 business days at the FCC. Allow 5 business days from the date that the VE team estimates the test session results will reach the VEC.

We invite you to attend our next monthly meeting (see below) or check into the Tuesday night SCRA net on the 146.73 repeater at 7PM. You will hear the latest Amateur Radio Newline broadcasts, announcements of SCRA activities and a Swap Shop. Membership in SCRA is open to anyone interested in Amateur Radio. If you would like to join, there is a membership application in this issue. Hope we can have an "eyeball" QSO with you at the next meeting! 73 ...

Next Meeting: April 3, 1996
Program: Homebrew Contest

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Application for membership in SCRA

Name _____ Callsign _____ License Class _____
 Address _____ Phone _____ Date _____
 City _____ ZIP _____ () New () Renewal

SCRA Dues: The renewal date for SCRA dues is March 1st. Dues are \$18/year for individual and \$27/year for families. The new member initiation (badge) fee is \$6/person. Dues for new members only are prorated at \$1.50/month for individuals and \$2.25/month for families, starting at renewal time.

ARRL dues: \$31/year, \$25 over 65 with proof of age. (Under 21 rates require application form).

-Make checks payable to SCRA

Name Badge Information (new members)

Fill in exactly as you want it to appear on your badge.
 Callsign _____ First Name _____
 City _____

SCRA Dues:
 Individual \$18, Family \$27 + _____
 Initiation fee \$6.00 + _____
 Prorate discount _____ X _____ - _____
 (# months) (rate)

ARRL Dues:
 \$31 or \$25 if over 65 + _____
 Additional donation to SCRA: + _____
 Total dues: _____

I WOULD LIKE MORE INFORMATION ABOUT:

- () Public Service Events
- () RACES or ARES Emergency Services
- () Taking a Novice or Technician class
- () Teaching a Novice or Technician class
- () Taking an upgrade class
- () Teaching an upgrade class
- () Helping with SCRA Flea Market
- () Acting as club Net Control Station
- () Helping with VEC license exams
- () Field day, other operating events
- () Helping with *Short Skip* Newsletter
- () Other _____

The *Short Skip* is published monthly by the Sonoma County Radio Amateurs. Permission to reprint articles is granted, provided the source is properly credited. Items printed do not necessarily represent the views of the SCRA and/or its editors.

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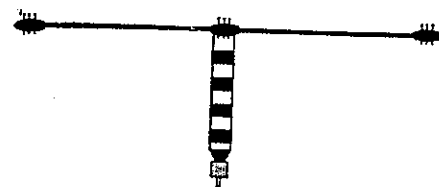
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- Etc...



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- ARRL Handbook
- License Manuals
- Antenna Books
- Etc...



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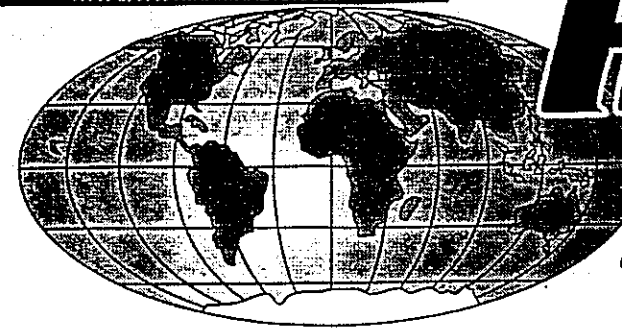
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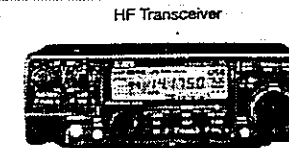


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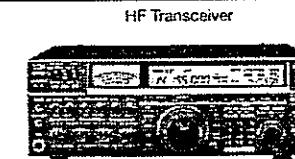


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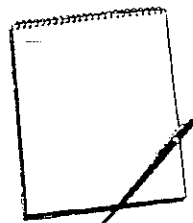


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SCRA MINUTES

March 6, 1996

Submitted by Secretary
Steven Feil KD6CJR

The meeting was called to order by President Steve Carniglia KK6VY at 7:35 PM in the Cattleman's banquet room. Other officers present were: Vice President Rick Reiner K6ZWB, Secretary Steve Feil KD6CJR, Treasurer Joel Nadler KJ6LF, Activities Chairman John Wallack W6TLK, Public Service Chairman Marie Mappus KI6QY, Members-at-Large Claude Jones AB6OL and Joe Berkman KE6LNQ.

We had 6 visitors this evening.

The minutes for the January meeting were approved. WB6TMY/KB6PTA

The Treasurers report by Joel Nadler KJ6LF indicates income of \$529.25, expenses of \$915.56 and a balance of \$1829.07 as published in Short Skip.

John Wallack our Activities Chairman thanked John Breckenridge WB6FRZ for providing the Homebrew contest article in Short Skip. The contest will be the April Meeting program. Reminded us that the Foxhunt is coming March 16 to begin at 9 am from Piner High.

Jim N6PTM stood in for Jim WB6PER to let us know that there will be lots of upgrading work going on with the 6.73 repeater. Consolidation of some of the antennas will be done near the end of March. The antennas will be mounted lower during a month long trial period. Jim also mentioned that he has various sizes of hard line to give away. First come - First Served!! Speaking for RACES also, he informed us that there will be a RACES drill on May 4th and that it will work with the Wine Country Century just fine (see next).

Marie KI6QY our Public Service Chairperson is now soliciting volunteers for the Wine Country Century, to be held May 4. She need the names turned in by 1 April so T-shirts can be ready for all. She invites all to come and join the fun. Please let her know if you have preference for particular events or operating stations.

Bill KH6GJV updated us on the No-Code class for the Rincon Valley School District. There has been some interest in a General upgrade class, but we need an instructor, any takers? Bill is still seeking a director for a Youth Activity program for the club. Materials are available for anyone interested in starting this program. Rick K6ZWB will be completing his

antenna class in a couple of weeks. Claude AB6OL let us know that SCRA's next Test session will be held on April 13 at HP.

Many thanks go to Art, from the Montgomery Village Radio Shack, for donating a set of code tapes to our club. Bill KH6GJV will make them available on a loan out basis.

Lee KE6EAQ let us know that the County Antenna Ordinance was kicked back to the Planning commission for review of some parts. He also told us that there are now moratoriums in Sebastopol, Petaluma and Windsor.

Bill KH6GJV gave us an update on the SAREX station at the JC. They are working towards the Shuttle mission later this month.

Steve KK6VY asked that anyone with ideas on how to integrate HF work into our club activities, other than Field Day, to contact Tracy WB6TMY. Steve also presented AI NIAL with an award from ARRL for an article that he wrote for QST. Newsline is in trouble again. The club will send \$100 as budgeted. A basket was passed to collect additional donations. \$50.50 was collected. A NET Control operator is needed for April.

Steve KD6CJR read portions of a letter from the Santa Rosa Fire Fighters thanking the club for our donation to Toys for Tots.

Discussion was had on what to do with the various awards and plaques that the club owns. Ideas like placing in local businesses and letting current winners display them were brought up.

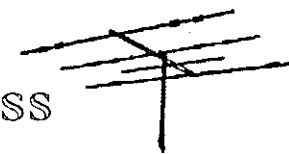
The program tonight was by Bob K6QXY and was on Moon Bounce propagation.

The raffle was conducted by Angela KC6OCD. Prizes were provided by ARDCO and HSC. Please patronize these fine establishments to show our thanks for this support.

James KD6GSF pulled Bill KD6TXE for the membership lottery.

The quarterly raffle was presented by Rick K6ZWB. The \$250 gift certificate winner is Joe KM6TM. It was decided to wait until next general meeting to decide if another quarterly raffle will be held next quarter.

The meeting was adjourned at about 10:10 PM.
Respectfully submitted by Steven Feil KD6CJR

SCRA
Antenna Class
by Rick K6ZWB

March 7th marked the final session for the 1996 edition of the club's antenna class. The class was facilitated by Rick Reiner, K6ZWB and covered a six week period, one night a week. The class started with twelve participants and finished with

eight survivors. All agreed they had a lot of fun and learned some valuable information in getting their signals into the atmosphere a little more efficiently. The new ARRL publication, "Your Ham Antenna Companion" was used as a guide and proved to be a worthy addition to any Ham's book shelf. The last session of the class was finalized with a ten question, open book test, which I'm happy to report all passed with flying colors. (The test is presented for your fun and education after this report. Answers are printed on page 10) The graduated of this years class are as follows:

Alan Jackson, no call	Mary Jackson, KE6YQW	Joe Berkman, KE6LNQ
Randy Black, KE6VMZ	Bill Kiker, KA6JLP	Harold Nygaard, KD6WYF
Ted De Croft, KB6PTA	Peter Hatton, N6IBX	

1. Where does your signal go when it leaves your antenna?

- Straight out on VHF and UHF and normally straight out on HF.
- All directions at once.
- Vertically on VHF and horizontally on HF.
- Vertically on HF and horizontally on VHF.

2. What does a propagation chart provide?

- Tells cloud elevations.
- Helps determine VSWR ratios.
- Predicts band conditions.
- Predicts tide levels.

3. What is an approximate Quarter wave length on Two meters?

- 38 inches.
- 19 inches.
- 12 inches.
- 24 inches.

4. Which is a directional antenna?

- The Quad.
- The yagi.
- Quagi.
- All of the above

5. What is the wavelength of a standard Dipole?

- One half wavelength.
- Five eights wavelength.
- One quarter wavelength.
- Three quarter wavelength.

6. What is considered an optimum amount of radials for a

ground plane antenna?

- One.
- Six.
- Fifty
- Approximately 110.

7. Would it be considered acceptable to bend the ends of a dipole to fit available space?

- Under no circumstances.
- Only if you can get the center at least 1/4 wavelength above ground.
- If you have your neighbors approval.
- Yes. In most cases there will be no significant reduction of efficiency.
- An antenna tuner is useful if?

- You are using a long wire antenna?
- Your feed line to your antenna is a balanced line?
- Your VSWR is over 3:1?
- All the above.

9. When you are testing your Transmitter you should always use:

- A dummy load.
- An efficient antenna.
- The highest power your transmitter will put out.
- All the above.

10. To effectively protect yourself and your station from lightning

- Disconnect your equipment from power lines.
- Disconnect your antennas.
- Ground all equipment to a good earth ground.
- All the above.

ARRL PACIFIC DIVISION UPDATE

APRIL, 1996

by Brad Wyatt, K6WR, Director, Pacific Division, ARRL

NI6T Wins Top Honors in ARNS Competition

The Amateur Radio News Service (ARNS) has just announced that Garry Shapiro, NI6T, editor of the Northern California DX Club's monthly bulletin, The DXer, has received top honors in the annual ARNS competition. Only 11 bulletins nationwide received the coveted "Superior" award in the competition. Congratulations, Garry!

Pacific Division Hams Help Heart Attack Victim

A group of Boy Scouts that included several Pacific Division hams lived up to the Scouts' motto, "Be Prepared." As a result, the victim of a heart attack is alive to talk about his ordeal. It all happened during a wilderness outing last August. Dave Smith of Saratoga, California and his wife Janet were accompanying their younger son and other scouts on an eight-day backpacking trip into California's Yosemite high country when Dave Smith experienced chest pain one day into the outing. Scoutmaster Paul Wesling, KM6LH, (also of the Tandem ARC) took Smith's vital signs and used ham radio to relay the information to the Yosemite emergency response staff. Smith was rescued and transported by helicopter to Yosemite Valley and then to Modesto, California, where doctors determined he'd suffered a mild heart attack.

Wesling says that ham radio is a standard part of his troop's outings. Both Wesling and Eagle Scout Rajeev Goel, KD6MXV, had VHF handheld radios along for the trip. As a result of their experience, Dave and Janet Smith are making plans to take one of the troop's Amateur Radio licensing classes. This way, they will always be prepared. Thanks, Newsline.

Antennas, Towers and Ordinances

The negotiations over these ordinances continue in Fresno and Sonoma counties. The Napa Co. matter seems to be resolved favorably for the hams, through the efforts of Bruce Butler, W6OSP, who lead the team effort of a number of Napa Co. hams.

There is an indication that Contra Costa Co. will join in this effort to try to regulate cellular towers (unfortunately, we get caught up in the discussions).

Please forward copies of all antenna, tower and related ordinances to Phil Kane, N6SP, who is collecting this data for the Pacific Division.

Phil can be reached at P. O. Box 280192, San Francisco CA 94128-0192, (415) 369-7373 and commlaw@netcom.com.

Scholarships and Awards


There are many awards and scholarships covering a wide range of situations available to licensed Amateurs. For example, the Foundation for Amateur Radio administers 57 scholarships -- applications may be requested prior to April 30, 1996, from FAR Scholarships, 6903 Rhode Island Ave., College Park, MD 20740; the Hiram Percy Maxim Memorial; Field Organization Volunteer of the Year (nominations due March 31). See the September 1995 edition of the ARRL Section Leader or contact the Field Services Dept. at ARRL HQ for details on the latter.

The Dayton Amateur Radio Association (DARA) is now accepting applications for its 1996 college scholarships. Amateur Radio licensees graduating high school in 1996 are eligible for \$2000 scholarships.

Each year the DARA offers eight such scholarships. No specific field of college study is required. Winners will be announced around June 1, 1996. Interested students should send a self-addressed, stamped envelope for an application to DARA Scholarships, 45 Cinnamon Court, Springboro, Ohio 45066.

Other organizations will be announcing their dates for applications for their 1996 scholarships. Watch QST and other amateur radio publications for details.

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NORTH BAY VE SESSIONS - APRIL 1996

April 13

➔ Santa Rosa (SCRA) at Hewlett-Packard, 1400 Fountain Grove Parkway, Santa Rosa
 TALK-IN 146.730 - RPT AAA MAP SONOMA COUNTY E9

From Hwy 101 south, take Bicentennial off-ramp, go east until it joins Fountain Grove Parkway. Enter the visitor's gate (second gate).
From Hwy 101 north, take the Hopper Ave off-ramp, follow the signs to Mendocino Ave, going over the freeway. After crossing the freeway, go straight onto Fountain Grove Parkway. Enter the visitor's gate (second gate) at H-P.

April 27

➔ Sonoma (VOMARC) at Sonoma Developmental Center, Glen Ellen
 TALK-IN 145.350 - RPT AAA MAP SONOMA COUNTY G 11

From the south into Sonoma Valley, Hwy. 116 from Petaluma or Hwy. 37 to Hwy. 121 then to Hwy. 116, go north to Arnold Drive, go past El Verano, toward Glen Ellen. When you enter the state hospital "SONOMA DEVELOPMENTAL CENTER", Eldridge, turn left past flashing light/stop sign. Go west on Wilson to the McDougall building.

From the north, go south on Hwy. 12 to Arnold Drive. Turn right, go through Glen Ellen to the state Hospital "SONOMA DEVELOPMENTAL CENTER", Eldridge. One block past flashing light/stop sign, turn right to Wilson and go to the McDougall building.

COMING EVENTS

SCRA VE Exam - April 13 at Hewlett-Packard, 1400 Fountain Grove Pkwy, Santa Rosa, CA.

Deadline for May Short Skip - April 13

International DX Convention - will be held in Visalia at the Airport Holiday Inn, April 19-21. Contact Don Bostrom N6IC, 818-784-2590 (H) or 310-334-8717 (W) for details.

VOMARK Hamfest - The Valley of the Moon Amateur Radio Club, WB6DWY, is holding its annual ARRL Hamfest on Sunday, April 21, from 8am to 3pm at the Sonoma Veteran's Memorial Building, 126 First Street West, in Sonoma, CA. Talk-in will be on 145.35, -600, PL 88.5. For more information call Darrel WD6BOR at 707-996-4494.

Foothill Flea Market - 2nd Saturday of each month from March to Sept. at Foothill College, Los Altos, CA

Livermore Swap Meet - 1st Sunday of each month at Las Positas College in Livermore, CA, 7am to noon, all year. Talk-in 147.045 from west, 145.35 from the east. Contact Noel Anklam KC6QZK, 510-447-3857 eves.

Mini-Vineman - June 11

Terrible Two - June 17

Activities Committee:			
Public Service:	Marie Mappus	KI6QY	664-1978
Public Relations:	Steve Carniglia	KK6VY	579-9608
QSL Mgr:	Fred Leoni	N6YEU	431-8202
TVI/RFI:	Al Bloom	NIAL	538-7115
Antennas:	Joe Senft	KM6TN	578-5824
Awards:	Steve Lund	WA8LLY	823-4544
RACES RO:	Jim Pelmulder	N6PTM	823-7947
Field Day:	Steve Carniglia	KK6VY	579-9608
VEC Exams:	Claude Jones	AB6OL	527-8593
Education:	Bill Hillendahl	KH6GJV	542-4304
Badge Chair:	Fred Leoni	N6YEU	431-8202
Refreshments:	Jim Hudson	KD6WIS	
Raffle at meetings:	Greg Cowles	KE6FXK	
Membership lottery:	James Cureton	KD6GSF	
Packet BBS:	Jim Andrews	KC6PJW	795-2163
	Dave Willey	KD6KWM	577-0191

Field Day 1996 -
June 22-23
 mark your calendars!

Repeater Control Op's

Jim WB6PER	526-2972
Hoppy WD6CKP	542-6750
Kelly KD6CJQ	837-9434
Steve KK6VY	579-9608
Jim N6PTM	823-7947
Merl N6VUC	584-3898
Ken N6MHG	539-2701

Board Meeting Minutes



March 13, 1996

Minutes of the Sonoma County Radio Amateurs board meeting held March 13, 1996 at the North Bay Savings Bank on Marlow Rd. Members of the board present were: President, Steve KK6VY; Vice President, Rick K6ZWB; Secretary, Steven KD6CJR; Treasurer, Joel KJ6LF; Member-at-large, Claude AB6OL; Member-at-large, Joe KE6LNQ; Past President, Kelly KD6CJQ; Activities Committee Chairman, John W6TLK and Public Service Chairman, Marie KI6QY. There were also 2 other SCRA members present.

The meeting was called to order at 5:35 PM by President Steve KK6VY.

Rick K6ZWB confirmed that the Holy Ghost Hall in Seb. will be available for the Swap Meet. We should be thinking about a grand prize. Quarterly Raffle tickets will be available at the club meeting. The program for May will be the Len Giraldo DXpedition to Syria.

Claude AB6OL needs submissions for Short Skip.

Marie KI6QY informed us about the Korbel Road Classic that was to be on Saturday March 30th has been canceled as a club supported event.

Jim N6PTM informed the board that substantial damage was done to the power supplies at the repeater site. The antenna experiment will be on hold until additional information can be gathered on cost and timing of repairs.

Bill KH6GJV our Education Chairperson discussed the Technician class being taught in the Rincon Valley School district. There is much interest in a General class. Contact Bill if you can help out or can teach a class, call the voice mail number and leave a message. Renee KE6ULU will not be able to head up the Youth Activities committee. Please contact Bill if you can help, PLEASE!! Is there any interest in a packet orientation class.

John W6TLK is interested in ways to integrate HF activities into our club. Publicizing HF contests, Special Event Stations and Mini DXpeditions were brought up as ideas. Would anyone be interested in a program on GPS. The idea of a New Ham open house is being talked about to get new Hams into the swing of things. Maybe the Swap Meet would be a good time.

Steve KK6VY wants to set up the 440 repeater to do automatic code practice. Need to get Hank's swap shop more

widely distributed. Art at Radio Shack is investigating the possible placement of awards in his store.

Joel KJ6LF discussed membership renewals and budget issues. Joel would also like to have as many membership renewals as possible be mailed and to be sure to include your ARRL renewal.

Respectfully submitted by Secretary Steven Feil, KD6CJR.



THE SCRA 10 METER NET

by Joe KE6LNQ



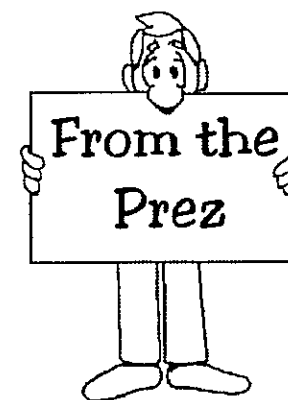
It doesn't matter, you may have a palm sized Sony or Sangean shortwave receiver. Maybe a suitcase sized Hallicrafters or Collins that has seen decades of use. On Tuesday nights at 8 PM tune to 28.450 MHz upper side band. You will hear the SCRA's high frequency net.

For you new to HF, listen carefully. At 8 PM, tune to 28.450 MHz. Tune slowly a bit up and down from the net frequency. Dial calibrations may be off a little. Make sure you listen on upper side band if your radio offers USB and LSB. While tuning slowly, turn your whip antenna to different directions, try vertical and horizontal polarization. Best results will be obtained with an outdoor antenna of any type. Check the ARRL antenna handbook for details on constructing simple 10 meter antennas.

This is what you will hear: A practical demonstration of HF operation. We use ground waves mostly, sky-waves if we are lucky (more on this in a moment). You may hear the difference between vertical and horizontal polarization. The different signal strengths of a wire dipole, vertical or Yagi antenna. Microphones sound different from one another, signal processor's well adjusted or not. How far does a ground wave travel? You will know - you will hear it! There is a lot to learn about HF operations. Different than 2 meter FM operation through repeaters, that's for sure. But both have their place in this multi-faceted hobby of ours.

This radio get-together is informal. Net control is expertly provided by Bill KA6JLP. For all of you gams with HF privileges, please stop by and say hello! We would like to hear from you.

When conditions are such that skip conditions prevail (see sky-wave propagation in your license manual) our Sonoma County hams may be joined by hams from across the western states or from around the world! Exciting? You bet. Give a listen. Tuesday nights at 8 PM, 28.450 MHz USB.



they won't do you any good, but we do accept them.

A word regarding Our Committees:

O! Webster says that a committee is a number of persons appointed to attend a particular business body or function. Well I think that many of our members think that our various committee meetings are closed to the general membership. Actually, they are quite open. Let's get to the intent of our committees: We delegate a task such as the Education Committee, Repeater Committee or the Field Day Committee to a smaller group for 2 very good reasons. 1) A smaller group can meet easily and informally attack the business at hand. 2) The group has the knowledge and is best qualified to deal with the business at hand.

All members are VERY welcome to committee meetings but we must all keep a couple of things in mind. 1) The board and/or the general membership has delegated a particular task to a committee because they are qualified. 2) Committee meetings are, in many cases, held on an impromptu basis and sometimes at someone's house or even over the phone.

The point of all this is that I want everyone to know that anyone may attend a committee meeting if they wish. If you wish to attend a meeting, please contact one of the members or the chairman and let them know you wish to attend. Meetings are generally not announced. If you are invited to attend the meeting, please respect the purpose that the group is meeting.

We might also want to remember that our committees, almost in all instances, must report back to our board of directors. They do not have the final say in club business but only recommend action that usually must be approved by then general membership.

73's
Steve

Greetings . . . Well, I have the great honor of being the co-host and co-judge of our "Home Brew night". . . I do hope that all of you will bring something . . . you never know . . . you might win . . . anyway it's great fun and John and I reserve the right to change the rules at any time . . . anyway . . . good luck to all . . . (we do accept all forms of bribes) . . .

SCRAPS

SCRA PUBLIC SERVICE



By Marie Mappus KI6QY

They say that in spring a young man's thoughts turn to love. Not always so. In spring in the SCRA a young man's or woman's thoughts turn to helping with the Public Service Events that will be a part of our activities from now until September. Along with these thoughts comes my ever constant request for help. It is only with your loyal support that the runs, bike tours, races, etc. are the success that they are.

The Super Cities Walk for Multiple Sclerosis is on Sunday, April 14 in Santa Rosa. It is a 2, 10, and 15K walk. I still need volunteers to help with this event. Particularly those persons who would like to ride their bikes, not motorcycles, and act as bike mobiles. *If you are interested in helping in this capacity, please give me a call at 664-1978.*

May 4 is the Wine Country Century Bike Tour sponsored by the Santa Rosa Cycling Club. It is a bike tour starting in Santa Rosa to the coast through Guerneville, to Healdsburg, Geyserville, Alexander Valley and back to Santa Rosa. It is a 60, 100 or 200K ride.

It so happens that a RACES Drill is also scheduled for this date (May 4). I have been talking to Jim N6PTM, who is the RACES Chief Radio Officer, and he has told me that this event will be worked as part of the RACES Drill and that RACES members who participate will be given RACES credit for participation. So, if you were contemplating working on the RACES Drill, how about earning your credit by helping with the bike tour. It should be interesting to see how the two events work together. It is also possible that a dual situation could actually happen at some time and so it should be good practice for all of us. I STILL NEED VOLUNTEERS FOR THIS EVENT ALSO. Again, the deadline for this is April 1. I would like to have a full complement of volunteers by that date. If not, I will have to wing T-shirt sizes and the hams who have signed up will be given first priority with T-shirt sizes.

Come and join us! You will find that your time is well spent and while we hope that all events will be uneventful, who knows what might happen. It may be your assistance that prevents a serious accident. I look forward to your participation.

'73 Marie KI6QY


**SCRA INCOME AND EXPENSE
STATEMENT as of 3/19/1996**

BEGINNING BALANCE:

CHECKING	\$778.00
SAVINGS	\$915.60
INCOME:	
ARRL	\$87.00
Capital Equipment	\$21.00
Dues	\$1,347.00
Initiation	\$30.00
Badges, Replacement	\$6.00
Monthly Raffle	\$49.25
Quarterly Raffle	\$115.00
Newsline Donation	\$50.50
Refreshment	\$9.30
Miscellaneous	\$10.95
TOTAL INCOME	\$1,726.00

EXPENSES:


ARRL Membership	(\$81.00)
OVERHEAD:	
Badges	(\$9.68)
Officers' Expense	(\$36.60)
Refreshments	(\$15.00)
REPEATER:	
Repeater Maintenance	
Repeater phone	
Short Skip	(\$279.97)
Newsline	(150.00)
TOTAL EXPENSES	(\$571.99)
BALANCE, CHECKING	\$1,932.01
BALANCE, SAVINGS	\$915.60
CASH ON HAND	\$1.12
TOTAL ASSETS:	\$2,848.73



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WINDSOR, CA 95492

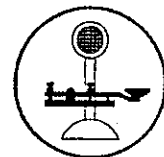
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SHORT SKIP



Club Station
W6LFJ

Sonoma County Radio Amateurs, Inc.
PO Box 116, Santa Rosa, CA 95402

Repeater Station
WB6PVS

Volume 21 #4

April 1996

FOR SALE

Yesu FT101EX, mic, owners manual, 600 Hz CW filter & added fan. \$350.00 **Matt W2JEG @ 528-9288**

ADI 200 2m HT, DC adaptor & speaker mic \$175.00
Mike KF6ALB @ (415) 359-3793

MFJ 422C Bencher paddle & keyer \$75.00.
Scott KQ6AC @ 765-6579

DRSI PC board TNC for packet in computers \$70.00; Eico 5" scope, works \$30.00; Yesu FT200S transceiver, 80-10M with power supply, speakers & mobile power supply (\$Negotiable); Panasonic KXP1180 dot matrix printer, tractor feed \$75.00; Hitachi VHS, works (\$Negotiable); 3 element beam, 10-15-20M \$80.00. **Hank W6DTV @ 823-7885**

Icom 735 HF transceiver \$650.00; Swan 500, 80-10M, 500W \$225.00; Drake L75, 1200 W amp, 160-10M \$450.00. **Rick @ 575-4455**

Icom 451A 440 all mode \$350.00; Icom 251A 2M all mode \$350.00. **Steve KD6FYK @ 869-2257**

Icom 747 HF transceiver \$600.00; MFJ 1278B multi mode HF & 2M TNC \$200.00; DSP filters for MFJ

1278B \$200.00; MFJ 901 Versa Tuner 80-10M \$35.00; 2M amp, 30W in, 160W out \$150.00; 486DX2-66, VGA, 4Mb RAM, 112Mb hard disk, single speed CD-ROM \$600.00; HP500 ink jet printer \$150.00. **Jim KD6WIS @ 584-3423**

The Valley of the Moon ARC is making 20 kits of the Norcal 40-9er transceiver available to local hams for \$30 per kit. The rig is a 40 meter transceiver powered from a 9 volt battery and features VXO frequency control, QSK keying, 250 to 500 mW output and is sized to fit in a Sucrets or Altoids mints box. The kit comes with PC board, parts and an enclosure (an Altoids box courtesy Frank Masten, AB6SG). Kits will be available at the VOMARC Hamfest. Contact **Darrel Jones**



HANK'S SWAP SHOP

Greg Cowles KE6FXK 252 Hutchins Ave.
Phone: 829-1583 Sebastopol, CA 95472
Non-commercial ham ads printed free. Please call when item is sold. Ads run 2 months.

WD6BOR @ 996-4494 for information.

WANTED

2M crystal controlled radio. **Chuck WL7SF @ 546-9189**

20 amp or better power supply, continuous. **Greg @ 829-1583**

Be on the lookout for a Kenwood 732A faceplate, removed from the radio of **Steven KD6CJR**