

SHORT SKIP

Sonoma County Radio Amateurs, Inc.



Club Station

P.O. Box 116

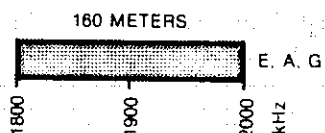
Repeater Station

NOVEMBER 1986 W6LFJ

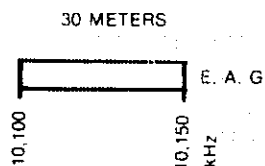
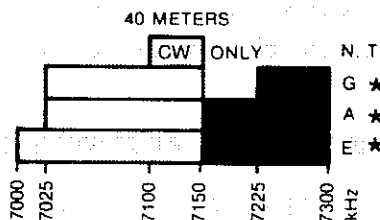
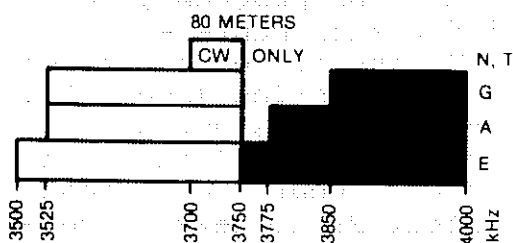
Santa Rosa, CA 95402

WB6PVS

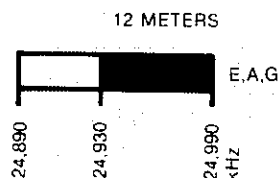
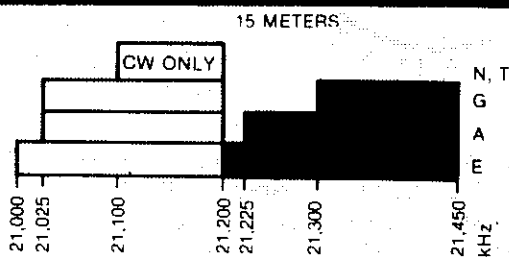
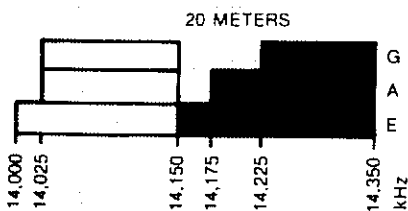
VOL 11 # 11



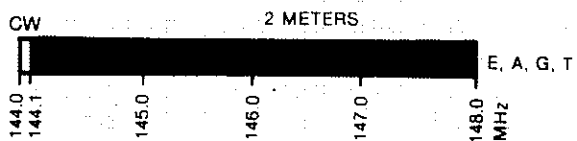
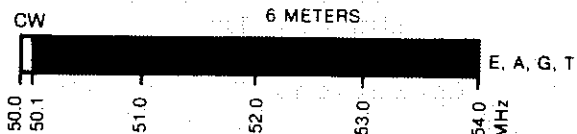
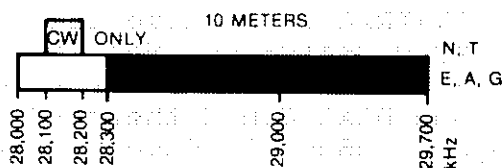
In addition to the presently authorized CW and phone, amateurs are authorized to use RTTY, FAX and SSTV on 160 meters as of June 17, 1985. See Happenings, July 1985 QST, for details.



Maximum power limit on 30 meters is 200 watts PEP output. Amateurs must avoid interference to the fixed service outside the U.S.



Amateurs are authorized to use the 12-meter band as of June 22, 1985. Power limit is 1500 watts PEP output. Amateurs must avoid interference to the fixed service outside the U.S. See Happenings, July 1985 QST, for details.

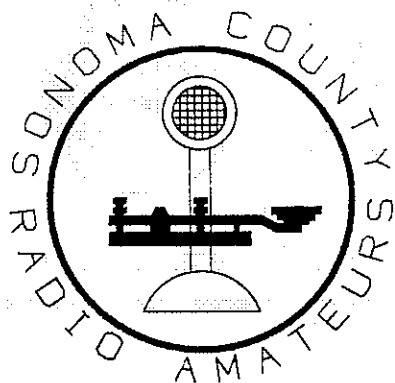


KEY

- | | |
|-----------------------------------|----------------|
| □ = CW AND RTTY | E = EXTRA |
| ▨ = CW, VOICE, SSTV, FAX AND RTTY | A = ADVANCED |
| ■ = CW, VOICE, SSTV AND FAX | G = GENERAL |
| | T = TECHNICIAN |
| | N = NOVICE |

* Phone operation is allowed on 7075-7100 kHz in Hawaii and areas near ITU Region 3, including Alaska.

Tnx ARRL



-----OFFICERS FOR 1986:-----			
PRESIDENT:	George Shedore	KS6W	838-6102
VICE PRES.:	Bob Olsten	WD6DPE	546-5593
SECRETARY:	Kathi Boyett	WB6UAZ	544-7943
TREASURER:	Ed Goei	KA5LGC	579-1681
REPEATER CHAIR:	Paul Hansen	AE6H	527-7955
ACTIVITIES CHAIR:	Steve Schaffer	KD6GC	546-8860
MEMBER-AT-LARGE:	Warren Klinger	WB6RHP	632-5459
-----SHORT SKIP STAFF:-----			
EDITOR:	Alan Bloom	N1AL (e)	538-7115
	1578 Los Alamos Rd, Santa Rosa, CA	95405 (d)	577-3981
CIRCULATION MGR:	Tracy Reese	WB6TMY	
SWAP SHOP:	Hank Davis	W6DTV	823-7885

RACES LIAS: WB6RHP/WD6DPE (see above)
 ARRL LIAS: Alan Bloom N1AL 538-7115
 ASST. DIR: Chuck Sabin N6DDK 795-2371
 PUB. RLATNS: Kathi Boyett WB6UAZ 544-7943

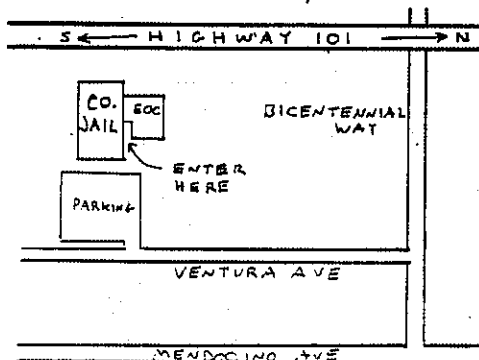
-----ACTIVITIES COMMITTEE-----
 PUBLIC SRVC: Jim Boyette WN6D 544-7943
 REFRESHMENTS AT MEETINGS: Bob WD6DPE
 GREETER AT MTGS: May Kobold N6GZV
 RAFFLE: Lyman WB6SMY, N6GZV, Terry WA6RNF
 QSL MANAGER: Doug Bender WW6D
 VOL EXAMINERS: WA6ACX N1AL K6ANP

N6BLN AG6C WD6CKP WN6D WW6D
 W6DTV KF6FX WB6FRZ WA8LLY WB6UDR
 EDUCATION: George Shedore KS6W 838-6102
 N6KZS Phil, WA8LLY Steve, WB6PDP Joel
 PROGRAM CHAIRMAN: Bob WD6DPE 546-5593
 AWARDS CHAIRMAN: Steve Lund WA8LLY
 MBR-OF-YEAR CHAIR: Ken Harrison N6MHG

-----REPEATER COMMITTEE-----
 Alan Bloom N1AL-Jim Rutherford WB6PER
 Jim Boyett WN6D-Phil Copenhaver N6KZS
 Brian Kotzian KE6WL-Terry Laduke WA6RNF
 Hoppy Bravin WD6CKP (Westlink b'cast)

-----CLUB MEETINGS-----
 7:30 PM 1st Wed of each month at the
 Emergency Operations Center (EOC).
 NEXT CLUB MEETING: Nov 5, 1986
 PROGRAM: Elections!

Meetings open to all, member or not. Need not be licensed to join. Full voting membership for licensed Amateurs only. Dues: \$12.00 per year plus a one-time \$4.00 initiation fee. (Includes call-letter/name badge.)



ARE YOU NOT AN SCRA MEMBER?

IF SO, then this is a complimentary copy. Our club is into almost every aspect of amateur radio: repeaters (13/73), Field Day, license classes (novice/upgrade), volunteer exams, RACES, DX programs, packet radio, hidden xmtr hunts -- you name it.

We invite you to attend our next monthly meeting (see below) or check into the SCARS net on the 146.13/73 repeater every Tues. night at 7 PM. You will hear the latest Westlink Amateur Radio news broadcast, SCRA announcements, and a Swap Shop. If you would like to join SCRA, please refer to the dues listed below. 73!

SHORT SKIP ADVERTISING RATES:

\$14 First 1/4 Column
 \$2 Additional 1/4 Columns
 (\$28 Full Page, 1 side)

Pre-printed inserts:
 \$28 (8.5 x 11" sheet)

Guaranteed circulation: 200/month

AD DEADLINE: 15th of previous month

RADIO SHACK

Store Nr. 3855

Zane Bates, Manager

510 Farmers Lane Telephone
 Santa Rosa, CA 95405 546-8423

**MINUTES OF THE GENERAL MEETING OF SCRA, October 1, 1986**

Meeting was begun at 7:35 by George KS6W, President.

VISITORS: Brian Wall WB4UTJ (new novice), Ralph

K6VTO and Sylvia Davidson, and Paul Hrenoff (waiting call).

INTRODUCTIONS of membership followed.

REPEATER COMMITTEE REPORT: August 3 - WB6PER and Paul AE6H got the P/L up and running. Also, control link has been functioning since that date.

Paul has the standby repeater but has not done anything with it until the Repeater Committee meeting Wednesday, October 15. He needs a written directive from the Committee and the Board as to what should be done. He has already had over 100 suggestions. Agenda to include configuration of standby repeater, control operators, etc.

Touch tone access is now available. Pad test is down at this time.

What should be done with the Repco? 1) Make it a portable, battery-operated repeater; 2) find a repeater pair and location so it can be installed permanently for better coverage to the north.

The club directed the Repeater Committee to investigate purchasing and installing a DIGIPEATER, including feasibility, cost and sites. (m/s N6MHG KB6HQ) KB6HQ would donate an old crystal rig. NARC is taking over digipeater coordination. Paul says that no digipeater will work on Sonoma Mt. unless it is commercial grade. KB6HQ is in the process of building a Packet TNC for IBM clone or compatible for all who are interested.

Noise on the repeater: Paul guesses that it is associated with a loose bolt on the Golden Gate Bridge (hi hi). It is noticed mostly in the daytime. Similar types of noise have been heard on the Repco and GE repeater that were installed there previously. We still have the same antenna on the same tower in the same position.

Net Control Station - We need some volunteers.

Codes: The Board has written a letter to WB6PER directing him to turn over all information on repeater autopatch codes. The Board will assume this responsibility as soon as the information is received.

How many control operators are there? The Repeater Committee and Kathi WB6UAZ. Hoppy is the one that is usually monitoring.

Telephone control has always been operational so we have met the intent of the law and have always been legal since installation of the repeater.

There was no formal PROGRAM due to the fact that the County neglected to leave the VCR equipment for us to use. Steve Bell from the 911 system couldn't make it tonight. He will be rescheduled for a later date.

The MINUTES of the September meeting were approved (m/s WB6RHP N6KZS).

COMMUNICATIONS: Steve WA8LLY was voted as the Awards Chairman. (m/s N1AL N6MHG)

EDUCATION COMMITTEE: The Advanced/Extra class being taught by WA8LLY has 5 students; the General/Tech class taught by N6PDP has 14-16 students; and the Novice class taught by N6KZS has 14-16 students.

RACES: October 18 ;there will be a surprise drill 7:30-8:00 AM. October 21 & 22 will be the Sonoma County OES drill. The RACES Board meets Tuesday, October 28.

PUBLIC SERVICE EVENTS: The CB club needs help with the Spook Patrol on Oct. 31. If anyone is interested in assuming this event, please contact WN6D. The Snoopy Run is Oct 26 -- we need one more volunteer.

The CHRISTMAS PARTY is the last major club event of the year. It will be held on December 6 at the Windsor Mobile Home Park Clubhouse.

BADGES: Hank W6DTV has 12 to distribute tonight. If you ordered one and haven't received it yet, see Hank.

LICENSE TESTING will be held on Oct 11 at 9-11 at the Sebastopol Fire House. We'll use the W5YI program this time because of the quicker notification time. A special exam will be scheduled when the classes are over.

OLD BUSINESS:

MEETING LOCATION: We need suggestions for a new location. The Community Center on Steele Lane was suggested. Warren WB6RHP explained why the Armory deal fell through. We will continue to meet at the EOC until further notice.

FLEA MARKET: All had fun. We had more tables than last year. 330 Door Prize tickets were filled out. (Generally 25% won't fill out a ticket.) 81 vs 52 Radio Clinic participants. A financial report will be in Short Skip next month.

ARRL COMIC BOOK: "Archie's Ham Radio Adventure" may be given to Jr. High School or other teachers to be handed out to classes with discussion. Here's a way to attract youth. See N1AL if you are interested.

COMMUNICATIONS VAN: Would be nice to have, but insurance has been a problem in the past - \$500/year. Topic for the club to think about.

FIELD RESOURCES DIRECTORY: A good source book. If you are interested in looking at it, contact Al N1AL. It can be purchased from ARRL for \$10. Hank W6DTV also has a copy.

BYLAW CHANGE: Passed as published in Short Skip in the October issue. (m/s N1AL WB6RHP)

US/DX CALLBOOK order \$19.25 will be sent in Friday. Contact WA8LLY.

NEW BUSINESS:

MEMBER OF THE YEAR AWARD: N6MHG Ken, Chairman. All suggestions should be sent to him or to the Club's PO Box (clearly marked for Member of the Year Award).

NOMINATING COMMITTEE: Al N1AL, Chairman. Now is the time to start thinking of who should be on the Board for next year to carry on the momentum of this year.

NORTHERN KY. TOWER FUND: Lake Side Park, Ky. has banned amateur radio in the town. The ham fighting them in court needs donations to help pay the legal fees. The club will donate \$25. (m/s N1AL N6KMJ)

Satellite dish regulations were brought before the City Council last week. PRB-1 affects Amateur Radio antennas at County level. The club should be looking into these matters of form a committee to do so.

MEMBERSHIP LOTTERY: Ken Perry N6KIJ lost the lottery of \$14.25.

TREASURER'S REPORT: Regular account \$1560. Repeater Fund \$1461. \$881. profit on the Flea Market. Report accepted. (m/s N6GZV N6KZS)

RAFFLE: Prizes donated by Radio Shack and HSC.

The meeting was adjourned at 9:45 PM (m/s N6KMJ WB6UAZ)

-- submitted by Kathi WB6UAZ, Secretary



TREASURER'S REPORT
FOR MONTH ENDING
SEPTEMBER 30, 1986

ACCOUNT	REVENUE	EXPENSE
Club Activities		43.32
Coffee & Donuts		.45
Dues & Initiations	106.00	
Fund raising event	881.18	
Raffle	16.88	
Badges		19.08
Short Skip Expense		123.38

Secretary's Expense	25.00
Short Skip Revenus	56.00
	1060.06
NET INCOME	211.23
	848.83

ASSETS:

Cash not deposited:	30.00
General Acct (Exchange Bank)	1560.43
Rptr Fund (Northbay Savings)	1461.70
TOTAL ASSETS:	3052.13

-- de KA5LGC

REPEATER NEWS



The Touchtone Pad test has been disabled due to overuse by some individuals. If you would like to test your TT pad, contact a control op who can enable it for you.

The parts for the S-meter readback circuit have arrived. Jim WN6D will be wiring them up on a piece of perf-board, and Paul AE6H will install the unit during a future trip to the repeater site.

Due to some complaints, the "HI" that occasionally appears on the CW ID will be deleted.

Although the fancy controller on the '73 repeater was purchased by the club, the repeater, antenna, feedline and site are owned by the County and are provided primarily for emergency/RACES use. The Repeater Committee voted unanimously that they agree with the idea that whenever the machine is needed for RACES, whether for an emergency or for a drill, all casual operation should cease. There are 4 other two meter repeaters in the County that are still available for ragchewing.

We need a couple more CONTROL OPERATORS.

Qualifications: able to monitor the repeater a lot, familiarity with FCC rules, a sense of tact and common sense.

450 MHz FM gear is preferred but not required. If you are interested, the Repeater Committee would be happy to consider your application. Contact Paul AE6H (see page 2).



Calling All Young Artists

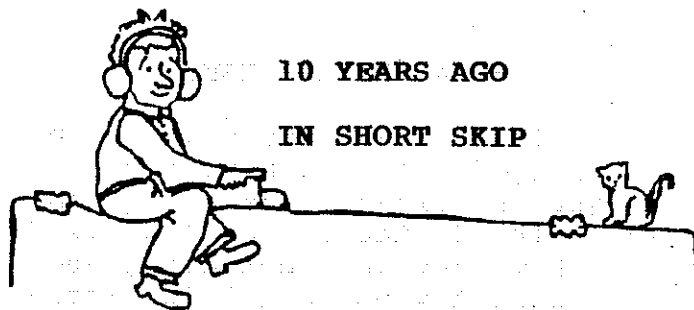
If you're an artist between the ages of 8 and 18 and have an interest in electronics, here's an opportunity you won't want to miss. We'd like you to showcase your talent and originality in our national art contest. And, if your entry is one of the winners, your artwork will be forwarded to a worldwide contest for judging. Our contest features awards along with the possibility of national and international recognition for you.

The ARRL is sponsoring a national art contest with the theme "Youth in Amateur Radio." It is a wide-open theme, which allows you to use your imagination in the following mediums: photographs, drawings, paintings and other illustrations (excluding written text). You choose the medium; all we ask is that no artwork be larger than 11 x 14 inches.

There are three age categories, and a first, second and third prize will be awarded for each one. They

10 YEARS AGO

IN SHORT SKIP



The November 1976 Short Skip raved about the auction held at the October meeting. The room was "completely filled" with bargains (most expensive item: \$40.), and the club made a nice profit.

Paul WA6KLM found a real bargain in a 16 mm projector, but now he needs some films to look at.

Novice classes were going on at Montgomery High under J. P. Creed, and Bob Sones WB6EKV was looking for sign-ups for an adult Novice class.

Give us your tired, your poor,
your unloved, your moth-eaten

1977 SHORT SKIPS!

The "10 Years Ago in Short Skip" column will disappear next year unless someone soon digs up some 1977 issues.

Please, if you have any of the following in your collection, call Al Bloom N1AL so we can photocopy them for our records. 577-3981 (days) or 538-7115 (eves).

Vol. II (1977) all issues

Vol. III (1978) issues # 1, 2, 3,
4, 7, 9, 11, 12

Vol. IV (1979) issue # 4.

Thanks to Bob WD6DPE, Betty AG6C, Terry WA6RNF, Warren WB6RHP & Brian KE6WL for their kind donations.

are: Group 1—ages 8-12, Group 2—ages 13-15, Group 3—ages 16-18. Forthcoming issues of QST will announce winning entries and awards. Winning entries and other entries deemed appropriate will be forwarded to the "Youth in Electronics" contest being sponsored by the International Telecommunication Union, Geneva, Switzerland.

Send for an application today to American Radio Relay League, Dept Y, 225 Main St, Newington, CT 06111.

Good luck in the contest!
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FLEA MARKET RESULTS

Well, the rain let up, and the morning of the flea market dawned bright and clear. The first vendors were already there when I arrived at 5:15 AM, many were battering down the doors trying to get in before the official opening at 7:00.

We sold more tables/spaces than last year (56 vs 48) and made twice as much money, but had no more (perhaps even fewer) people show up. The disappointing turnout was most likely due to 3 factors: 1) The weather - many probably were afraid of rain. 2) The lack of a mailing list of last year's attendees. and 3) The mailing we did send out didn't get to the post office until the Monday before the event - some folks had already made plans.

Next year, we will have a list of nearly 300 non-Sonoma-County people culled from the raffle/door prize ticket stubs. If we get the flyers mailed earlier and the weather cooperates, we should do well.

Finances:

	GROSS	NET
Food	345.10	216.80
Raffle	386.00	122.70
Tables		302.00
Auction		228.26
SCRA Table		257.20
Rent	-225.00	-125.00
Mailings	-298.24	-202.24
Misc.		-12.08
TOTAL		+787.64

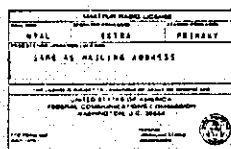
The winner of the ICOM IC-02AT was Gary Bell of San Mateo. Altho Gary is not a ham, he has had a table at several SCRA Flea Markets. Now he has an incentive to get his ticket!

We'd like to thank ICOM America, Ross Distributing, HSC Electronics, ARRL, Ham Radio Magazine, World Radio Magazine, Tab Books and Radio World for their generous help with prizes. We'd especially like to thank ARRL for the LARGE box of League publications and HSC, not

only for their help with prizes, but for the ad in the flyer mailing.

The Flea Market is the product of a lot of work by a lot of people. Among them were: Don WA6ACX, Al N1AL, John W6CCY, Chuck N6DDK, Dave KB6DJG, John KA6DJY, Bob WD6DPE, Bill WD6DXW, Gene W2EBG, Sarah N6FAX, Steve KD6GC, Bill W2HWQ, Paul KD6IB and Helen, Susan N6IRJ, Jeremy KB6KUI, Jack N6LDP, Art W6LGQ, Steve WA8LLY, Wilbur N6MGY, Chod VP2ML, Hoppy K6MUP, Gary KB6MXZ, Phil KB6NEY, Al KD6NT, Warren WB6RHP, Terry WA6RNF, Ray KF6RS, Kathi WB6UAZ, George KS6W, & Brian KE6WL. (31 people)

"Special" thanks for the "special" displays put on by Kermit W6JFN (ATV), Brian KE6WL (Radio Clinic), and Mike N6DBZ (Packet Radio/ATV). We very much appreciate the support shown by ARRL Director Rod Stafford KB6ZV and SM Bob Smith NA6T who manned the ARRL table. Finally, both Mike N6DBZ and Karen KA6ZDB were very helpful with details of arranging the Community Center, PA system and the like.

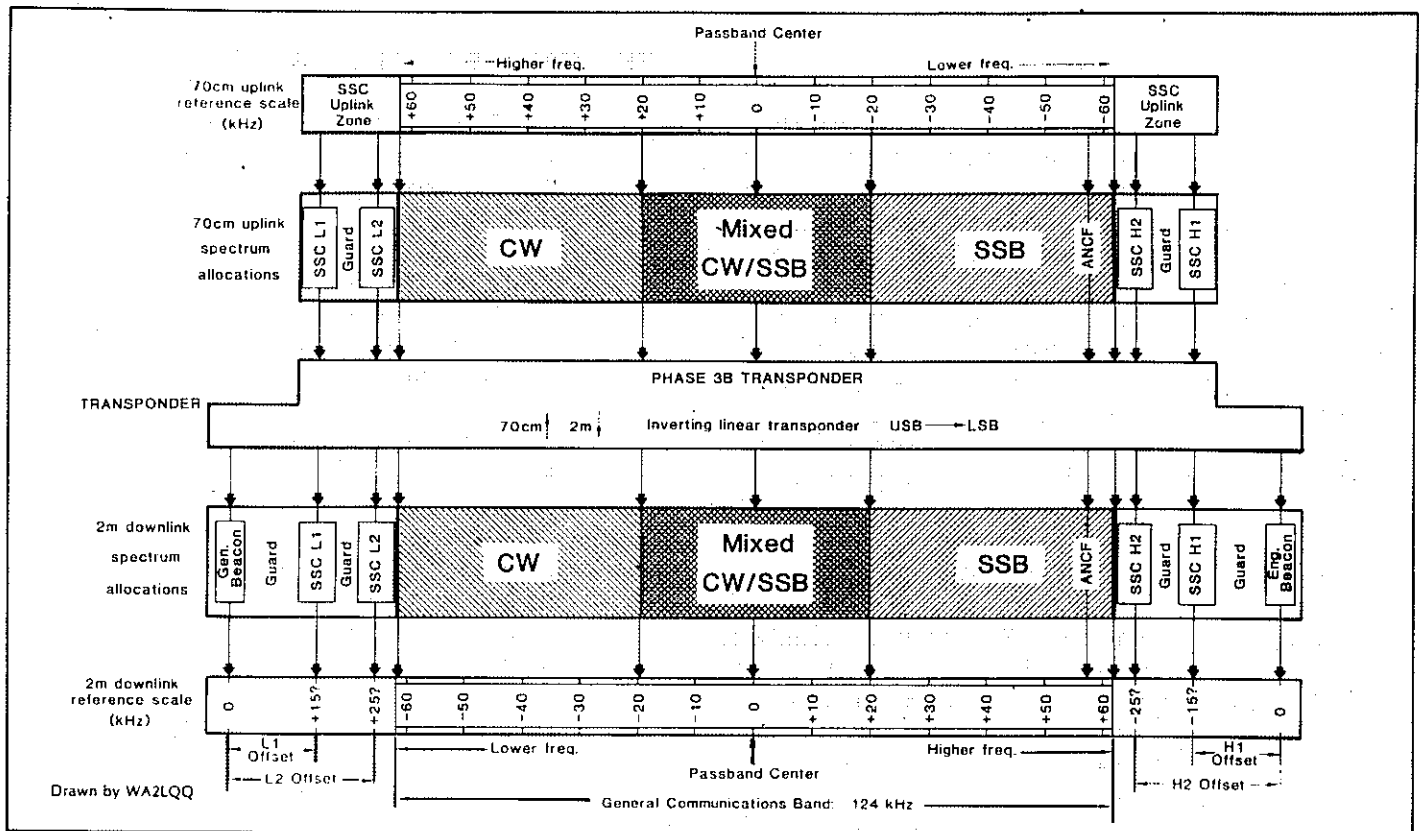
**V E EXAMS**

The FCC volunteer exams held on Flea Market day were a resounding success. Of the 25 who showed up, 18 upgraded. We had 8 new Techs, 7 Generals, and 3 Advanced.

The only problem was that many applicants came unprepared: no 610 form, no copy of license, not on time, etc.

The SCRA VE team is almost unique in that in all the tests we have run, our paperwork has been perfect every time -- nothing has ever come back. Congrats to WW6F (ex N6BLN) and others.

Thanks to the following volunteer examiners: WA6ACX, WN6D, W6DTV, WW6F, KF6FX, and WB6UDR.



OSCAR 10 Band Plan Chart

INFORMATION NET SCHEDULE				NOTES
NET NAME	DAY/TIME (UTC)	FREQ. (MHz)		
AMSAT Espanol	Sunday 1900	14.180		
AMSAT International	Sunday 1800	21.280		
AMSAT International	Sunday 1900	14.282		
AMSAT European 20m	Saturday 1000	14.280		
AMSAT UK 80m	Sunday	3.780	1015 Local Time Sunday	
AMSAT Asia/Pacific	Sunday 1100	14.305		
AMSAT South Pacific	Saturday 2200	28.878/21.280		
AMSAT South Africa	Sunday 0900	14.280		
SEASAT	Sunday 1300	7.080		
East Coast 75m	Wednesday	3.857	2100 Local Time Tuesday	
Mid-American 75m	Wednesday	3.857	2100 Local Time Tuesday	
West Coast 75m	Wednesday	3.857	2000 Local Time Tuesday	
Australian AMSAT	Sunday 1000	3.680		
New Zealand V.U.S.	Wednesday 0800	3.850		
VHF NETS				
New York City 2m	Wednesday	144.400	2200 Local Time Tuesday	
AMSAT Goddard	Wednesday	146.835	2100 Local Time Tuesday	
Los Angeles 2m	Wednesday	144.144	2000 Local Time Tuesday	
Los Angeles 2m	Daily	144.144	0730 Local Time Tuesday	
AMSAT South Africa	Sunday 0900	145.650		
AMSAT UK 2m	Sunday	144.280	1930 Local Time Sunday	

Mode B Frequency Guide

Exclusive of Doppler shift.

Uplink		Downlink	
		145.987	Beacon, Engineering
435.025	Scheduled Use	145.972	SSC H1
435.035	Scheduled Use	145.965	SSC H2
435.038		145.962	Upper Limit
040		960	
045		955	
050		950	
055		945	
060		940	
065		935	
070		930	
075		925	
080		920	
085		915	
090		910	
095		905	
435.100	Center Band	145.900	
105		895	
110		890	
115		885	
120		880	
125		875	
130		870	
135		865	
140		860	
145		855	
150		850	
155		845	
160		840	
162		145.838	Lower Limit
435.165	Scheduled Use	145.835	SSC L2
435.175	Scheduled Use	145.825	SSC L1
		145.810	Beacon, General

ELECTIONS!

Who will be running SCRA next year? You can have some say in the matter, but only if you come to the next meeting when elections will be held. Nominations will be solicited from the floor.

Positions are: President, Vice President, Secretary, Treasurer, and two Members-at-Large. The Repeater & Activities Chairmen are appointed positions now per the change in the Constitution earlier this year.

ROGER ROGER

We found him/her! We found him/her! Lurking out there in all this time was this Good Buddy named "Roger". The search has been relenting and ongoing, and we must share our finding with you.

The pure, unadulterated meaning of "Roger" (U.S. Navy Training Man.) is "I have received your last transmission satisfactorily." Teletype instructions use a simple "R" to denote the same meaning. This is what has had me so confused. In analysis during recent months, it is clear that "Roger" is shorthand for "OK", "yes", "I will", "I agree" "I volunteer", "call me", "say when" "I'm here to help", and just a whole bunch of affirmative responses.

So there is the answer. We now know it is a secret password and has been right there plain as a 100 foot tower on Hwy 101. You have heard it too. "Did you pay your taxes?" Roger. "We need new hams" Roger. "We need help with Field Day" Roger. How simple it is! And if you hear "Roger Roger", it probably means: "I'll do it and send me the bill."

Now the next time someone says "Roger", jot down the name and call and turn it in to the "Jolly Rogership Sub-chairman" Al Bloom N1AL, and the committee will hold them to their "Roger".

If you don't mean it, don't say it.

(Tnx Spectrum, Victor Valley ARC, Victorville, CA Ed. N6LFA via ARNS)

NEW MEMBERS SINCE SEPTEMBER

Paul Hrenoff
1525 Moonville Court
Santa Rosa, CA 95401
869-2603

Gerald N. Maresh WD6EVL
1867 Jonive Rd
Sebastopol, CA 95472
874-3779

Dan Swann KG6HO
Box 137
Glen Ellen, CA 95442

Ray Miller KB6HT
8099 B Street
Windsor, CA 95492
838-4189

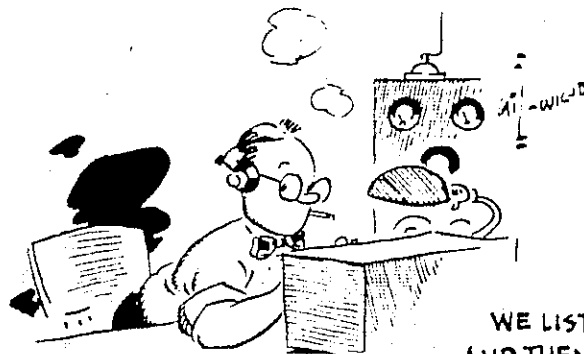
We now have 159 members

T H A N K S !

Many thanks to the following who helped make the Diabetes Walk a success:

Betty AG6C	Terri KF6CA
Hoppy WD6CKP	Warren WB6RHP
Kermit KB6GBV	Dale N6MRV
Ray KB6HT	Candy N6NSG
Barry N6MHH	Bob WD6DPE
Bill WD6DXW	Ken N6MSJ

-- Steve KD6GC

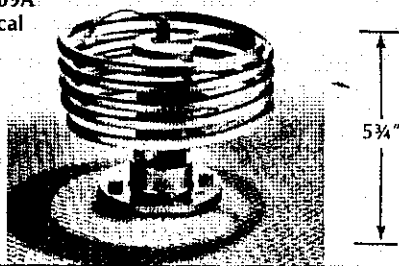


WE LISTEN -
AND THEN LISTEN
SOME MORE

Wide Choice of Models, Standard and Customized

MODEL SPECIFICATIONS

CR109A
Helical



Frequency: HF 27-85 MHz
Max. Power: 200 watts
Mounting*:
Net Wt.†: approx. 2.0 lbs.
Shipping Wt.†: approx. 3.0 lbs.
Height (with Radome): 5 3/4"

*Specify design Frequency
when ordering.*

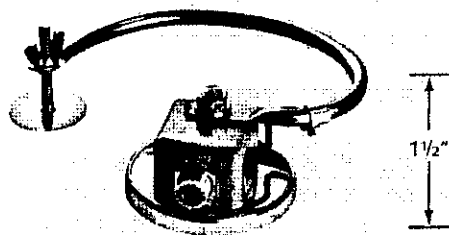
CR2A



Frequency: VHF 140-170 MHz
Max. Power: 200 watts
Mounting**: magnetic
Net Wt.†: approx. 1.2 lbs.
Shipping Wt.†: approx. 1.5 lbs.
Height (with Radome): 5"

*Specify design Frequency
when ordering.*

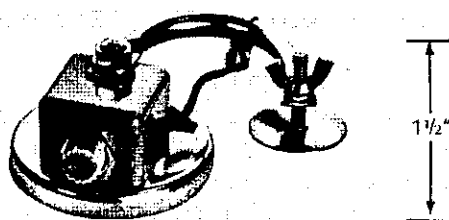
CR3A



Frequency: VHF 210-240 MHz
Max. Power: 200 watts
Mounting**: magnetic
Net Wt.†: approx. 1.0 lbs.
Shipping Wt.†: approx. 1.2 lbs.
Height (with Radome): 5"

*Specify design Frequency
when ordering.*

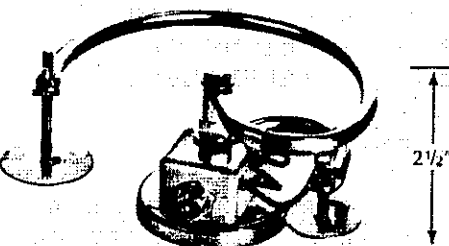
CR4A



Frequency: UHF 440-470 MHz
Max. Power: 200 watts
Mounting†: magnetic
Net Wt.†: approx. 0.8 lbs.
Shipping Wt.†: approx. 1.0 lbs.
Height (with Radome): 4"

*Specify design Frequency
when ordering.*

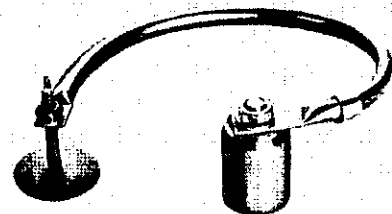
CR2/4A Dual Band—Single Feed Line††



Frequency: VHF 140-170 MHz*
UHF 430-470 MHz.
Max. Power: 200 watts
Mounting**: magnetic
Net Wt.†: approx. 1.5 lbs.
Shipping Wt.†: approx. 2.0 lbs.
Height (with Radome): 5"

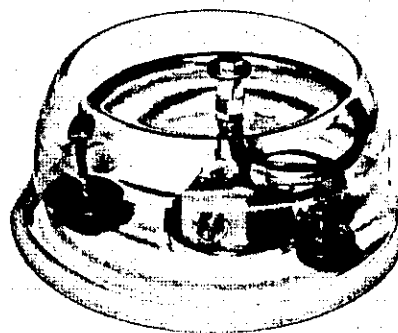
*Specify design Frequency
when ordering.*

OPTIONAL EQUIPMENT



DIRECT SURFACE MOUNTS

A special connection, compatible with NMO-Motorola-type direct mount, is optionally available for all Untenna models.



RADOMES

A weather-resistant cover made of opaque high-impact plastic with excellent UV resistance is available for all HF, VHF and UHF Untenna models. The outside can be painted with any *non-metallic* pigment color of your choice, aiding in disguise. Untenna and Radome must be ordered together to avoid modification charge. Radomes on magnetic mount models have a slot in edge to allow for coaxial cable.

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Frank Gilman W6SVC
Factory Rep.



NEWS of Amateur Radio

ARRL TO FCC: MAINTAIN QUESTION POOLS

ARRL has filed a Petition for Reconsideration concerning PR 85-196, FCC's decision to leave writing of exam questions up to the individual VEC's. ARRL feels the FCC's syllabus is so vague that there will be no uniformity in testing: some VEC's tests will be much more difficult than others. If the ARRL's petition is denied, the League may appeal to the US courts. (ARRL)

A VEC TESTING SCANDAL of "major proportions" is being investigated by the FCC. Several VE teams in Texas, North Carolina, Puerto Rico and (rumor has it) California may be charged with everything from simple mistakes to teams that are virtually selling licenses. Possible penalties include loss of licenses, heavy fines and prison. There may also be re-testing of some of the candidates by another VE team. (Westlink)

CONGRESS PASSES PRIVACY ACT. As soon as President Reagan signs the bill, it will be illegal to eavesdrop on electronic mail, computer-to-computer data transmission, private video conferences and cellular radio. First offense for intentional interception of cellular radio has been dropped to a \$500 fine only. (ARRL)

A HAMSHACK ON THE SPACE STATION has an "excellent chance" of becoming reality, according to knowledgeable sources familiar with NASA. The SSAR (Space Station Amateur Radio) would be "built into" the shuttle in the original design. (ARRL)

A GEOSYNCHRONOUS AMATEUR SATELLITE is being considered by AMSAT. It would be much easier to access than current machines: There would be no antenna tracking problems, and selected repeater teleports would allow even handheld transceivers to cover great distances. If you are

interested or have suggestions, write AMSAT, Phase 4 Program Mgr, PO Box 27, Washington DC 20044. (ARRL)

FCC: "GET COORDINATED!" In a long-standing dispute, the Garlic Valley RC repeater was ordered off the air when it lost its sanction with NARC due to a change of repeater site. This left K6IH in Concord as the lone repeater on 146.895. K6IH then applied to NARC to move to a high-level site. Unfortunately, they didn't wait for the sanction to arrive before moving. So without any solicitation from NARC or anyone else, the FCC wrote K6IH:

"You must reapply to NARC for a new sanction ... Therefore, we will not pursue any further your complaint of interference... Both you and Garlic Valley must seek technical solutions to your interference problems and/or obtain sanctions from NARC." (Westlink)

(Thanks to Westlink Report and ARRL Letter for permission to reprint.)

PACKET NEWS

9600 BAUD WITH THE TNC2 is a problem due to the low slew rate of the LM324 (U3) used as a line driver. JJ1BDX suggests replacing it with a TL074 or TL084 [Ed note: or MC34004 or uAF774] which works FB. (Gateway)

FCC AUTHORIZES AUTOMATIC CONTROL for packet stations when passing third-party traffic. (PR 85-105) The temporary waiver is now permanent for packet using AX.25 protocol on VHF and above. Control operators capable of monitoring must alert the control ops of any intermediate retransmitting stations of any station misuse. (ARRL Letter)

From FCC Rules:

97.3 (m)(3) Automatic control means the use of devices and procedures for control so that a control operator does not have to be present at the control point at all times.

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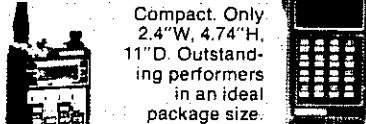
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- Pleases neighbors with tubular streamlined look

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55' FREESTANDING
CRANK-UP

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IC-47A (25W, 70cm, FM)

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EVENTS CALENDAR:

(Don't forget SCARS net every
Tuesday at 7:00 PM on 146.13/73)

NOVEMBER:

Nov 1/2 - ARRL Sweepstakes, CW
Nov 3 - RACES etc. Net, 7:30 PM
Nov 5 - SCRA meeting 7:30 PM
Nov 7/8 - HAM/WEST Conv., Las Vegas
Nov 15/16 - ARRL Sweepstakes, Phone
Nov 17 - RACES etc. Net, 7:30 PM
Nov 20 - CDF VIP Meeting 7:30 PM
Nov 29/30 - CQ WW DX Contest, CW

DECEMBER:

Dec 1 - RACES etc. Net, 7:30 PM
Dec 5/7 - ARRL 160 Meter Contest
Dec 6 - SCRA Christmas Party
Windsor Mobile Home Pk.
Dec 13/14 - ARRL 10 Meter Contest
Dec 15 - RACES etc. Net, 7:30 PM
Dec 18 - CDF VIP Meeting 7:30 PM

JANUARY:

Jan 1 = Straight Key night

M O Y

Who has done the most for SCRA in the past 12 months? Sometime in the next couple weeks, the Member of the Year Committee will decide whether to make the award this year. They need to finish their deliberations by mid-November in order to have enough time to get a plaque made.

Get your nominations to Ken N6MHG right away. You can call or write, but a note listing all your candidate's qualifications will go a long way to ensuring his success. Ken's address is: Ken Harrison N6MHG, 441 Pheasant Ln, Santa Rosa, CA 95401. Phone: 579-1230. Or you can send it to the club's PO Box (mark outside of envelope: "Member of the Year Committee")



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PANASONIC RO-2107 Tape recorder \$20.
AT&T 3-B Speaker Phone \$25.
SYLVANIA R48-55 AM/FM Stereo \$100.
PARALLEL PTR INTERFACES for APPLE II
Centronics CCS-7728 Board \$45.
John Bell Engineering \$35.
w/ documentation, schematics.
Jim KI6KE 538-2857 or POB 636, Santa
Rosa, CA 95402.

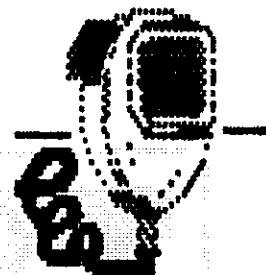
WILSON SY36 6 el tribander \$125.
HYGAIN 18AVT w/ radials \$55.
ROHN 25G top section w/peak roof
plate \$15. Two 25' by 1" masts \$35.
RG8/U: 100' w/PL-259 \$10.
Doug Dorman WA6QCL 894-2548.

WANT: Audio-frequency Scope. WA6NKZ
823-1985.





H.S.G.

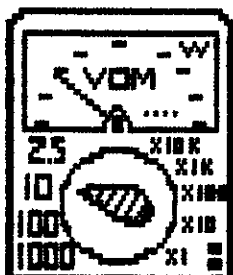


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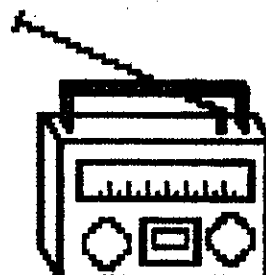
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MFJ	1270 PACKET TNC	IN STOCK!	\$139.00
AVANTI	On-Glass 2 Meter Antenna		\$42.50
LARSEN	2-Meter 5/8 Wave Mag-Mount Complete		\$37.00
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MFJ	24-Hour LCD Clock		\$9.95



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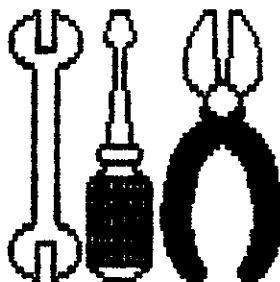


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