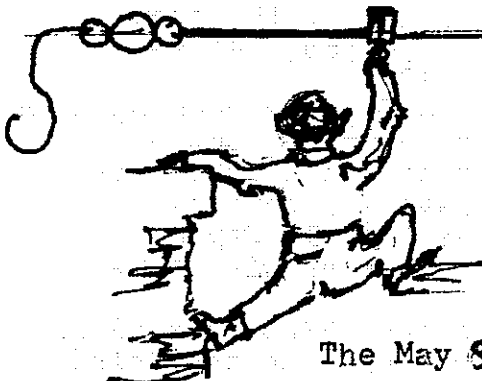


# Sonoma County Radio Amateurs, Inc.,



## SHORT SKIP Vol 6-No. 6



### MAY 6th MEETING

The May 5th Meeting was held at the County EOC meeting room. It was sponsored by SCRA, Inc. and joined by SCARS, and attended by some 60 members of both organizations.

The main Topic for the evening was W6BIP's presentation of -- "Simple Methods Used to Reduce, Hi-Fi, TV, Radio, and Telephone Interference". A 30 page buletin was prepared by SCRA, Inc, and a friend of the Club W6CCY, and a copy given to each member present. W6BIP passed out a buletin on "Radio Frequency Interference Task Group", prepared by Eimac. A few of these buletins are still available for those that missed the fine meeting. Ask at the June meeting. There are several good publications available on RFI, the addresses are in the 30 page buletin handed out, all you have to do is write for them.

Save all the Ferrite rods from old BC sets and the Core pieces from old TV Fly back transformers, they will save you bucks.

### THE RF CONNECTION

Bet you didn't know that BNC stands for Bayonet Neill-Concelman. Paul Neill and Carl Concelman, both engineers at Bell Labs, invented this famous connector. Paul, incidentally, also invented the Type N connector, and Carl the lesser known Type C, used in aircraft avionics. There's also a HN HV type N, an SC, or ScrewC and a threaded one called TNC. ARNS.

CLUB OFFICERS

President: Len Gerald K6ANP  
795-4335

V-Pres. Lyman Wilshire  
833-2000 WB6SMY

Tres.. Bob Olsten WD6DPE  
546-5593

Sect. Doug Stewart N6DHT  
523-2118

Board: Alan Bloom N1AL  
527-0840  
Steve Schaffer KD6GC  
546-8860  
Chuck Sabin N6DDK  
795-2371

Short Skip Hank Davis W6DTV  
823-7885  
Lyle Meek N6BLN/2  
New York City  
Chod Harris VP2ML  
DX Watch  
Don Bremmer KB6LO  
Terry LaDuke WA6RNF  
Printer  
W6LFJ

Call Sign--  
Club Meeting: June 3rd. 81. Return to  
3400 Chanate Rd, Childrens Day Care  
Center. Board meeting the 11th of  
June at Steve Schaffer's home. Listen  
on 13/73 Steve will talk you in if  
lost.

COMMITTEES

Mobile Unit-Doug Stewart N6DHT at  
523-2118 or Don Bremmer at 546-7047

Educational- Gary Davis WA6PMN at  
528-4304

Explorer Post-599 Mike Ter. Arkisoff  
N6DBZ 823-8977

Parts Mgr. Lyman Wiltshire WB6SMY  
833-2000

Reno Raffle.  
Don Bremmer 546-7047 KB6LO  
Don Boosinger 527-7847 KD6HQ

Field Day  
Don Osborn 829-0565

Radio Shack has been very good with donations for the Club Raffle, stop by and say hello or buy an item or two.

**Radio Shack**  
**Store No. 3855**  
**ZANE BATES**  
**510 Farmers Ln MGR. 546-8423**  
**Santa Rosa**  
**Ca.**

Field Day

Well it is that time of year again. Spring is just past and we are on the edge of Summer. Blood is thinning a little and the outdoors urge will hit most of us very soon.

Don Osborn, Terry La Duke, and Ron Pipes are the wagon Masters for this years Field Day. If you are available, or have any constructive ideas, please see one or all of the above.

Don Osborn-829-0565, Terry- 528-6412-- Ron 545-3813--

Usually Field Day has been up on a high place in the country, But we lost that site last year and at this late date we do not have a location.

Plan to have a Field Day as the above three will come up with some place to go.

The date is the 27/28 weekend of June. Chuck Sabin will be the Chief and will produce a fine table for the members.

Perhaps you have a new antenna that you would like to try out? Some new gear? New QRP rig? What ever, come out if your self is the only item as operators are needed to handle the various shifts. That is Field Day, working under emergency conditions and doing a bang up job.....

See the Cavity Antenna article in the May 81 issue of Ham Radio Magazine....

ON GOOD PHONE OPERATING

1. Listen much...with care.
2. Time your calls: monitor your freq.
3. Make calls short, with breaks to listen.
4. Use push to talk techniques. Speak near the mike.
5. Make notes. Avoid missing points for comment. Avoid repeats.
6. Talk in connected thoughts and phrases. Notes help.
7. Speak naturally. QSO's need not be cut and dried. A degree of uniformity in use of phonetics. Use the standard list.

American Radio Relay League

Have you paid the last part of your dues. This was voted in by the floor members and should be taken care of soon.

## MARCH OF DIMES

1981 March of Dimes Walk was a success as far as communications was concerned. Several Sonoma County Radio Clubs participated. SCRA, Inc., Scars, 599, and Amateurs without Club connections.

A total of 28 Amateurs took part. N6DDK was NCS over the three different WALKS held on April the 26th. Some 1883 Walkers of all ages participated. The local 4 Wheel Club helped as poop out wagons and currier for water and other supplies. Only 2 medical cases required pickups occurred. One required an ambulance.

The following is a list of the participating Amateurs:

WB6NBR	WB6PMN	W6DZM	W6RRD	KB6LO
WD5CKP	W6DTV	WD6AJR	N6DNE	WB6RHP
WB4BQX	WA6TMS	N6DHT	WD6FEQ	WA6UCP
W6WHA	W6MN	KD6LC	W6QPG	N6COA
KD6GC	N1AL	WA6ACX	N6DDK	AG6C
N6CYV	KA6JLQ	KA6MCU	KAEC0103 (N6DDK)	

## NOTES

WD6FEG has the phone patch interface board complete, waiting for a special relay. Phone Patch is a little closer on 13/73. Final ok has been obtained for the 6 meter repeater and as soon as the xtals can be obtained, plus a control unit, the 6 meter repeater will be on test at a low level local site before going up to the final location. PS first set of xtals were the wrong one's.

Joe Berman N8ATB will be traveling back to his home state soon. His research project is near finished and away he has to go. Hope you return again Joe. Home address is P.O. Box U, Athens, OH, 45701.

Another find. Another member of our Club Col. Joe Waterman was host to your Editor out at the UC Marine Lab. at Bodega Bay. It was a fine trip through the Lab. and such small lobsters, boy o boy. Joe would like to plan a trip for the Club at the Lab. some time in the future. It will be brought up at the next board meeting.

Some time near all those ticket stubs and the money for same will have to be sent to Don Boosinger, 2216 Cambell Dr. Santa Rosa, Ca. 95401. His phone number is 527-7847. The selection of the winner is to take place at the June Board meeting. All ticket stubs must be in so no one will loose out as a possible winner.

N6BLN is in New York City, the Big Apple, for a month of Schooling. Several Club members have had QSO's with him on 28,750 or 21,325 or 375. We wish him good schooling while back there. He plans a trip to ARRL HDQ. while there.

Don Bremmer, KB6LO, is still trying to get the trailer in readiness for the summer use it may have. See him and offer your services. Some members have not had the pleasure of helping with this project. His phone number is 546-7047.

At our request last month for suggestions we had one that is in the hopper. Mrs. KD6GC has offered her time to help our Treasurer get the books in tip top shape. He is on vacation at the present time and when he is back this will all be taken care of. Thank you for suggesting.

## Shorts

Pre-Selector-- Man who works for the draft board.  
Regulator-- Superior court judge.

SALE\*\*SWAP\*\*WANTED..

- For Sale: W6JOX-- 2 and 4 track Sony Tape Recorder and many tapes. Stereo Reel to Reel type. \$150.00 phone 542-0348.
- For Sale: WA6WYZ--I Com 245--All Mode 2 meter Remote pad RME. A 10 to 80 Watt Marage 108B RF Amp. both \$425.00, also a Seard Road talker, converted to 10 meters.SSB and Antenna. \$110.00 phone 795-2595..
- For Sale: W6JYO--Kenwood Twins 500, 10 to 80, SSB,CW, Phone 778-7880.....
- For Sale: W6DTV---I upgraded transmitters for Sarah--Now I have a good Century 21 for sale. A good Novice unit Break in keying, all CW- Three section filter in the audio, Solid state, Manual. \$200.00.....
- For Sale: KN6S--Antenna tuner--Yaesu FG 107 10/160 SWR/Watt Meter-250 Watt PEP , \$75.00, Phone Geo. 523-2436.
- Info-- Anyone looking for fittings for hard line coax 1/2 or 3/4 get in touch with WB6TBT, in Petaluma.
- For Sale: Heath Kit Station Console-Manual-Call Van W6GFY 544-3485.
- Wanted: AG6C, Betty needs books to read, Old Jack Landon Books- phone 542-6750.
- For Sale: KA6DEI--Heath Kit HW100--SSB Transceiver- 10/80 Phone Terry 823-1357--\$150.00--
- Wanted: KA6LTY--DC to AC 12 V to 110 V AC for mobile operation. Phone Don at 546-4619.
- For Sale: 24 Hr.. Clock-12" Dia. Call Steve 526-6197
- For Sale: W6JOX--Bear Cat Scanner-\$220.00--Phone Chuck at 542-0348.

OPERATIONS CRITEQUE, AFTER A FIRE

1. More net discipline needed. Short transmissions.
  2. A minimum of two operators at each site.
  3. Talk-ins should be conducted off the main frequency.
  4. All traffic must have an addressee and an authorized sig. before transmission. Delivered only to actual addressee or representative.
  5. All offers of aid should be properly acknowledged by net control weather or not accepted.
  6. Should have a map, emergency power, good portable antenna.
  7. Amateur command post set up near scene.
  8. All agencies clearly indentified.
  9. Persons needing medical aid should not be transported until cleared by the intended destination agency.
- ARNS==Santa Clara, CA.

## NOTES FROM W5YI REPORT

Any Amateur buying and or renting property had better check any deed restrictions concerning antennas, etc.. The K3SRU case written up in W5YI report covers that very completely. Check local zoning but keep it low key. Deed restrictions can override local zoning, take care.

New low cost computers on the way from Great Brittan. Sinclair Research, Ltd. has a ZX80 computer selling for \$199, at the Dalton Computer Show they sold for \$150.00. The new ZX81 has extended BASIC in an 8K-ROM. Sinclair is introducing a 16K memory expansion module and a "under" \$100.00 Printer for the ZX80. Free phone number 800-543-3000, Visa or MC for Sales.

Keep your ears and eyes open on DBS, Direct Broadcast Satellites. FCC has a Notice of rule making. Nat. Assn. of Broadcasters is against it also MDS and Pay TV interests. DBS will have 3 Choices, A general entertainment, B, childrens programs, C, Sports, adult educational, lectures, etc..

Richard L. Baldwin, W1RU, Gen. Mgr. ARRL will retire in 1982. Probably June. Computer Dial up directory service, Log-on, 1405 Krameria St., 3C, Denver, CO.-80220. Novation, Inc. 18651 Oxnard St. Tarzana, CA. 91356- Micro Peripheral Corp. 2643 151 St. Place NE, Redmond, WA. 98052--

AMSAT reports present donations are about \$80,000 on the current phase 3 satellite project.

FCC clamp down on Cable TV Systems, due to cable or Coax leakage. \$20K, fine to Cable Vision, Flint, Mich. --\$10K fine to Telesystem Corp of St. Clair Shores, Mich.--and \$7.5K against American Cablevision of Carolina, Inc. also of St. Clair--This leakage caused trouble to traffic controllers, and in some areas to 2 meter frequencies.

## DX WATCH by CHOD HARRIS VP2ML

What is happening with the Bands? Ten meters, which has provided consistent excitement over the past three years, is sporadic and undependable. The East-West paths seem non-existent and even the North-South propagation lacks its usual zip, the end of the world?

No, just the end of the spring DX season, coupled with the declining sun spot numbers. Band conditions during summer will be flat, with fewer high band openings, higher noise and absorption, (leaving weak signals), and poor low band conditions as static levels build. Compare the band propagation charts in the DX section of QST, ( pages 68/69), for this month as to those of the month of March.

Does this mean it is time to give up DXing? Not yet, but to reduce your frustration index and increase your satisfaction you must be more selective in choosing operating bands and times. Pay particular attention to 15 meters which attracts much of the same DX as found on 10. The sunset openings still provide ample DX opportunities. And this is an excellent time to establish a more personal relationship with southern hemisphere Dxers; Relationships which will prove very valuable as the sun spot numbers decline over the next four years. And don't neglect antenna maintenance and improvement during the long pleasant evenings.

Watch for the CWPX contest May 30/31. All Asian phone contest June 20 21, and KN6GB/KH9 Wake Island, about June 1.

30/Chod

## SHORTS

The big swap meet is to be at Sacramento on May 31 this year. Why not get together with a big load.

CHOKER--What your wife does after she sees your new ham gear.  
DETECTOR--Some one who works for the FBI

## AMATEUR RADIO GOES TO TOWN

By the time you read this, Amateur Radio will have made it's mark on at least 200 VIP's in Santa Rosa.

W6GFY, Van and Mr. Pete Peterka of the OES, will present a program on the Wide World of Amateur Radio to the Kiwanis Club on May 13 and to The Breakfast Club on May 15. Both will include a showing of the new ARRL Film, telling of the exciting world of Amateur Radio.

We would like to present this program to other organizations in our community. If you know of any club that needs a dinner speaker, please be sure to let us know. Call Van or Don or any one of the officers for more information.

### UPGRADE UPGRADE UPGRADE UPGRADE

To all of you who have asked for UPGRADE classes, WHERE ARE YOU??

Classes have been under way for several weeks with only a couple of people attending. Unless you already have a degree in electronics, there should be something here for you. Our instructor, Al NIAL has put a lot of effort into this program for your benefit and it seems a shame there are not more folks attending.

It is not too late to show up. Each week is a new subject with handouts and demonstrations. No reservations are needed and there are no charges. **DON'T FORGET!!!** Belevue School on Primrose Ave Tuesday nights at 7:00 P.M.

Answers to last months QUIZ:::

Series circuit current...1 amp.  
Parallell circuit.....32 ohms

### FCC at your SERVICE

RADIO Inspector David Doon has been named by Mr. Vaughn, Regional Director for the FCC in this area, to receive input from Hams directly and you can phone David at the FCC office 211 Main Street Room 537, San Francisco, 94105

(cont.)

*Don KB6LO*

(continued) David's Phone number is 415-556-7701.

Follow up with detailed letter giving date and time. The above information is available for reports of malicious interference, etc. Any violations of FCC rules also apply.

Write your congressman and U.S. Senators with request that more pressure be put on FCC.

### MORE ON MALICIOUS INTERFERENCE

Have you been following the continuing Saga of the Escapades of Marsha (also known as SHAWNA)? It seems that in spite of obvious disregard for rules and regulations and common decency, THE FCC has seen fit to issue her an up-grade license. Her entire family has operated in violations of the rule book. Not exactly this reproters idea of the spirit of Amateur Radio. Marsha's new call for those of you who care....N6EIF.....

### PART 97 in PLAIN LANGUAGE

Sounds like a great idea, but have you taken the time to read them? BEWARE, ALL THAT GLITTERS IS NOT GOLD!!!!

There are several areas that could lead to trouble for amateurs. The preamble insinuates we do not have the intelligence to under stand the existing rules and a number of rules leave too much room for trouble. If the rules are vague, how will they be enforced? Your future is at stake and this is one time where you just can't sit back and let someone else do it for you. We will be stuck with them for a long time and you won't be able to blame it on anyone but yourself if you don't make an attempt to speak up.

Get a copy of the new rules, read them, then write to the FCC, or directly to the ARRL, stating your opinion on this matter. But HURRY, HURRY because we only have until JUNE 30 to respond.

Write to : FCC  
PRIVATE RADIO BUREAU  
WASHINGTON, DC, 20554

or ARRL  
225 main ST, Newington, CT 06111

SWAP--SALE --WANT:

For Sale:

Swap: 3/4 Vico Tape Cassettes..

For Sale: Used , 48" flourescent light tubes, guaranteed.--\$.50

For Sale: Single Sideband Converter CV591A with manual. Mfg. by Technical Materials. \$50.00

For Sale: Older Oscilloscopes- Need Work--Make offer..

For Sale: Transformers, components, meters, chassis. Make offer.

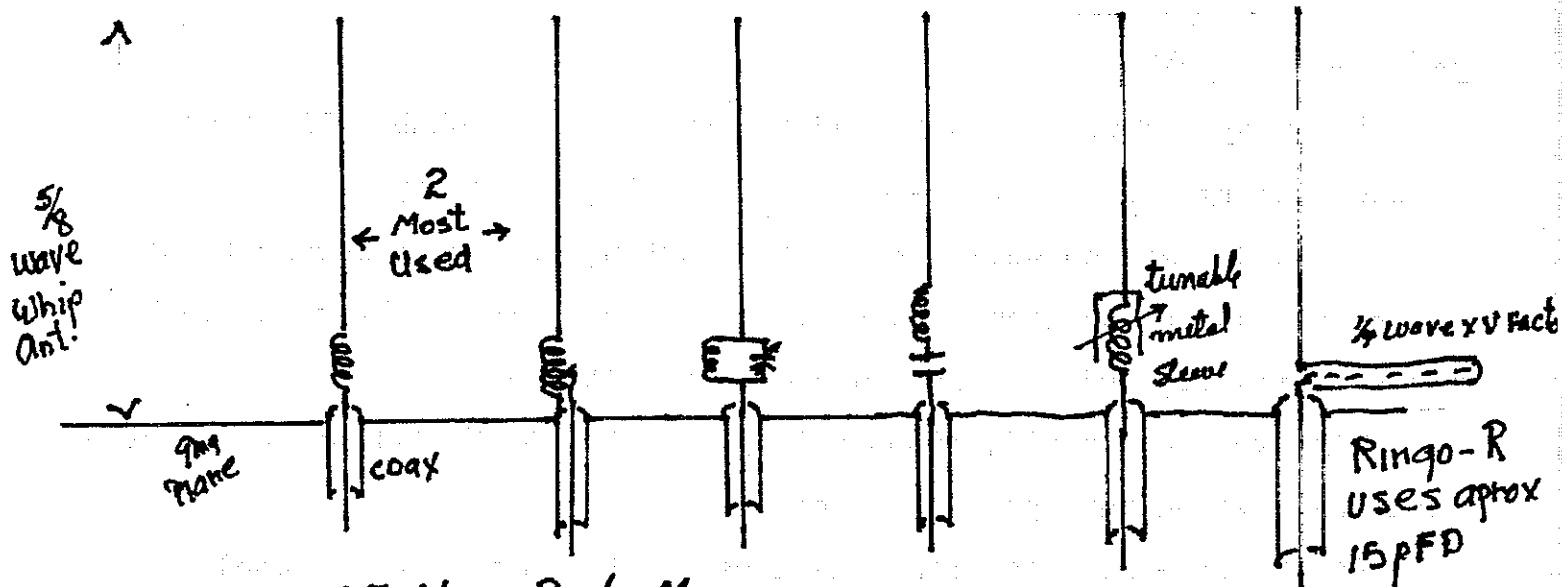
Wanted: QST-50 and 70--Have others for trade.

Don KB6LO 546-7047

For Sale: WB6PMN--Gary Davis--528-4304--Gary has a lot of things out at his place all it needs is time. If you need something special let him know,

ANTENNAS

Several of you have been talking about 5/8 wave vertical antenna for mobile and other use, below are several sketches of 5/8 wave systems try one or more. PS they still need a ground plane , radials or car top roof.



See page 25 Ham Radio Mag.  
for Ref. & Bibliography-

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\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

SONOMA COUNTY RADIO AMATEURS, Inc.  
P. O. BOX 116  
SANTA ROSA, CA. 95402  
CLUB CALL W6LFFJ

EXPLORER POST 599

Sebastopol Explorer Post #599 sponsored by our Club will be out in the country side the weekend of June 27/28, Field Day.

Field Day as you well know is the testing of your communications equipement and other items under emergency conditions. No electrical plugs available, and camping under dirt conditions.

Mike Ter Sarkisoff, N6DBZ and Lyle Meek, N6BLN will be the leaders with the boys on this yearly outing.

At the time of this print the location has not been selected. Lyle is in New York and when he arrives home the final site and program will be selected.. We wish all the boys a good time and plenty of contacts all over the world.