

# SHORT SKIP



SONOMA COUNTY RADIO AMATEURS Inc.

VOL. 7 #1

DX Watch January 1982

Chod Harris VP2ML

Last month we talked about the importance of listening to the DX station before trying to break the pileup. Let's look at exactly what we should listen for.

1. First, what is the callsign of the DX station? Many amateurs jump into a pileup even before they determine who they're calling! No wonder it is so hard for those needing the country to break through.
2. Now listen to the calls of stations working the DX station. What parts of the world are successful with their calls? If only East coast or Japanese amateurs are getting through, you might very well be wasting your time in that pileup. If West coast stations are getting through, note which ones. Are they the Big Guns of W6? Or are they amateurs with stations comparable with yours? If the Big Guns are slugging it out in a pileup, I suggest tuning away for a while.
3. Continue to listen: what frequency is he listening on? While most DX operations are conducted on a single frequency, sometimes the DX station is listening on a different frequency. He will indicate this occasionally: "Listening 14200-25" or "U2" meaning listening up 2 kilohertz. And even operations on a single frequency usually have stations spread over a kilohertz or two. By exactly zero-beating the last station worked (not necessarily the same as the DX station's frequency) you will greatly improve your chances of breaking the pileup.

Next month we'll continue to examine the fine art of listening.

CLUB OFFICERS I982

President Len Gerald1 K6ANP  
795-4335  
V Pres. Geo Shedore KS6W  
575-0494  
Rpt. Chair. Al Bloom NIAL  
527-0840  
Activities  
Chair. Chuck Sabin N6DDK  
795-237I  
Sect. Bart Holmes KA6HGW  
528-3955  
Tres. Frank Glesson KB6CK  
584-0907  
SCRA Inc. W6LEJ  
SCARS WB6PVS Rpt.  
SHORT SKIP Hank Davis-W6DTV  
Chod Harris DX Watch  
Sarah Davis Helper  
Educational  
Training Al Bloom, NIAL  
Educational  
Coord. Gary Davis, WB6PMN  
Explorer  
Post. Mike Ter Sarkissoff  
N6DBZ  
Raffle Mgr. Lyman Wiltshire  
WB6SMY  
Club Badges. Ron Pipes WB6NBR  
Club QSL Mgr. Jim Tomer W6CYM  
Public  
Service Coord. Hank Davis W6DTV  
Tech. Comm. To be selected.

MEETINGS

Club Meeting -Ist. Wed. Jan. 6th.  
Office of Emergency Service Meeting  
Room. 8 Pm.  
BOARD MEETING  
Ist. Board meeting of I982 will be  
Jan. I3 th. 7.30 Pm. OEC.

END OF YEAR FINANCIAL REPORT

SCRA Inc. Net Worth \$3757.4I  
Cash on Hand \$ 902.4I  
SCARS Net Worth \$2060.00  
Cash on Hand \$ 893.6I  
Money to be set up in accounts  
next board meeting.

Len Gerald1 donated a 3000 Watt  
generator to the Club trailer.  
Thanks Len.

I982

OR DO YOU JUST BELONG?

Do you attend the meetings  
And mingle with the flock?  
Or do you stay at home  
To criticize and knock?  
Do you take an active part  
To help the work along?  
Or are you satisfied?  
To only just belong?  
When the business session comes  
around  
Do you pretend you'er sick?  
Then leave the work to just a few  
And talk about the clique?  
Think this over member  
You know right from wrong.  
Are you an active member,  
Or do you just belong?  
Hamgab---

Well a new year is born--What will  
it bring --where will it go?

In this issue of Short Skip you  
will find a listing of activities by  
the Club. How many did you take part  
in? True you cannot partake in all, but  
some partake in none. Will our Club stay  
at status quo or go forward with new ac-  
tivities this year? As you know the Board  
Members want you to feed new ideas in  
their direction.

We have new blood this year. We need  
to help this new blood flow properly to  
insure a progressive Club.

The Club can move in many ways; one  
that must be started is an organized  
business-like financial system. One that  
outlines how various activities are  
financed, with written policies for  
guide lines.

Lets help our Club go forward-not  
stand still or go backward-RIGHT?

FEELING #I92

The ones who think, Can't do it  
are those who never will.  
For they start out defeated;  
each can't becomes a nil.  
But one who thinks, I'll do it  
has half the battle won.  
The state of mind that wills it  
can help one get things done.  
It's not the strong or smartest  
who know how to begin.  
But rather those with a spirit  
who start and do and win. Unknown. 2

# WSYI REPORT.....

SPECIFIC FCC RULES TO BE EXAMINED BY COMMISSION---As of Dec. 1, 81

For review between Sept. 81 and Aug. 82 are ---

1. EQUIPMENT AUTHORIZATION PROCEDURES--Type approval, type acceptance and certification.
2. CONSTRUCTION, MARKING & LIGHTING OF ANTENNA STRUCTURES-- Antenna structure standards for use near active airports.
3. PERSONAL RADIO SERVICE--This section establishes uniform licensing and operational requirements, GENERAL MOBILE RADIO SERVICE. One area that the FCC will look in to is inter-communication between the Amateur Radio Service and GMRS operators which is currently outlawed by the rules.
4. AMATEUR RADIO SERVICE-- Specific Part 97 Rules- including radio teleprinter and computer transmissions and their technical standards. (97.73) and (87.69) including spurious radiation, modulation specifications and emitted carrier wave stability. (97.75, 97.76, 97.770, - USE AND TYPE ACCEPTANCE OF RF POWER AMPLIFIERS-- Complete review of requirement that any external radio frequency power amplifier or kit commercially manufactured, marketed, imported or modified for use in the Amateur Radio Service capable of operation below the 2-meter band be FCC approved. (Type Accepted) A very unpopular decision.

DRAFT OUTLINE OF GENERAL RADIOTELEPHONE LICENSE EXAM AVAILABLE--Write to--- Chief, Regional Services Division; File I4IO : FCC; Washington, D. C. 20554

HAVING DIFFICULTY MAKING "WORKED ALL STATES"? Wyoming 862 hams, Delaware 944 hams, Vermont 955 hams, North Dakota 976 hams--Delaware is my block, Ed.

COMMISSION PUBLISHES AGENDA OF SIGNIFICANT PROCEEDINGS---

Docket-2131C-21313-FM Quadraphonic and Am Stereo Broadcasting--A report and order authorizing new system of quad FM and stereo AM to be issued during first quarter of 1982.

Docket 21502--SUBSCRIPTION PAY TV OPERATIONS--A report and Order further controlling Pay TV to be drafted and issued during late 1982.

Docket 80-603--DIRECT BROADCAST TV SATELLITES--FCC will take positive interim action on 9 applications to provide DBS service during early 1982.

Docket-78-369-RF INTERFERENCE TO ELECTRONIC EQUIPMENT--Comment period on a Further Notice of Inquiry-NOI-seeking additional information ends Nov. 81. Successive NOI's is classic FCC foot dragging mechanism and it is doubtful if we will see any meaningful RFI rule making enacted in the foreseeable future. Maybe never. Powerful Electronic Industries Association opposed to it.

Docket-80-739--WARC-79- IMPLEMENTATION-- The final Acts of WARC-79-require a complete overhaul of the commissions "Table of Frequency Allocations", and this is being completed now. White House expected to send WARC Final Acts to Senate for expected ratification shortly.

Docket-79-140--900-MHZ PERSONAL RADIO SERVICE--Prob. Action-The FCC Release said that the "staff will be drafting a document proposing the termination of the proceeding. Projected Commission Action April 82." When a rule making is terminated the proposal is usually killed and forgotten.

DALLAS AMATEURS FORM GROUP TO REDUCE AMATEUR JAMMING-- An automatic radio direction finding system is currently being developed to help clean up the 2-meter band. Called the Metroplex RDF Project by it's founders, Ken Winters NSAUX, and J.R. Ewing, WB5WSN, the system will initially use four remote controlled RDF units located at strategic points surrounding the Dallas- Ft Worth Metroplex. If you would like more information send your call sign, name address, home/business phone numbers, comments, donations and your area of expertise to the METROPLEX RDF PROJECT, PO Bx 14193, Arlington, TX 76013.

## REFLECTIONS

Again a new year arrives and your mind wanders from cell to cell trying to recall the past. Some of you, if old enough, can remember the Grace Bros. Brewery, as a meeting place, or you are even older if you can remember where we met before that. Oh yes, Floyd Barne's, W6 ADM, place was one. W6DZM was very young then. Can't remember what we talked about at the Brewery, not too much radio, I am sure.

Ten meters was a boom. 15 or so mobiles caravanned to a beach on the Russian River near Healdsburg for a picnic. Pot Luck and Dancing at Boyes Springs. Remember Floyd? Our Club was the only one and we covered the area. Heinie Hans, W6DXR, of Agua Caliente, Wilson Emery, W6IEN, of Glen Ellen and of course Ted Avila, W6WDM, of Eli Rd. Petaluma. Ted had the tallest tower in Sonoma Co.. (now the tower is in Penngrove)

Two Meters and TV came around. The first TV set in Sebastopol was located in an old Coats shop--Test Patterns from KPIX--Big Deal. W6JOX, W6LOU, and others on top of Mt. St. Helena, all signals were S9. English Hill came later, same crowd. (as now), worked Oregon, Nevada, Below Fresno--real big. Less than 10 watts, AM. Oh Well-Z-Z-Z-Z-zzzzzz-----

## EXCERPTS FROM ARRL

The first RFI bill, HR 16916 introduced in 1972. Apparatus designed to receive broadcasts shall meet FCC standards to be adopted so that all interference from any amateur station operating on it's assigned frequency (aill) be filtered out. RFI bills have been introduced in each Session of Congress since then, the most recent being Senator Goldwater's S. 929 which in part, would grant the FCC authority to establish minimum radio frequency rejection standards for electronic equipment.

In spite of Congressional interest in the RFI problem during the past nine years, the FCC did nothing until November of 1978 when it released a Notice of Inquiry in General Docket No. 78-369 in the matter of radio frequency interference to electronic equipment. Three years of study and yet another study. The time for study is long past. The time for action is now.

One little item in Docket 78-369 including assessment of liability solely against the transmitter operator, regardless of presence of absence of technical fault. Many months since that hearing without any substantive FCC action or further progress in the NOI proceeding is ample testimony to the proposition that the Commission will not take the initiative to solve the interference problem.

A list of some 28 areas, by no means exhaustive, is representative of the types of equipment subject to malfunction due to susceptibility to RF fields. By far, however, the most prominent category of interference complaints received by the Commission's Field Operations Bureau involves signals from CB, Broadcast, Land Mobile, electrical devices, etc., interfering with home electronic entertainment equipment. These complaints represent 73% of all interference complaints received by FOB.

(From Goldwater Bill). I am reluctant to take this step to extend FCC jurisdiction over a matter that has been left to the marketplace. But after repeated unsuccessful efforts to obtain the electronics industries voluntary cooperation, I believe we must rely on the FCC for guidance on a resolution of this issue. There is no indication that voluntary standards are working now, or that they will work in the future.

Given that it is the manufacturer of home entertainment equipment who is the only party in a position to exercise control over the RFI susceptibility of his product, it would follow that the most logical and expedient policy option would be to place the liability for resolving RFI problems on the manufacturer. NOTE--I have the 7page letter if anyone wishes to read it. Christopher Coursen Esq. Memo. of Oct. 26 81.

EMERGENCY SUPPLIES CHECKLIST

Yes	No		Yes	No	
( )	( )	Station Logs	( )	( )	Extra gas and oil
( )	( )	Message Blanks	( )	( )	Tow Cable
( )	( )	Carbon Paper	( )	( )	Jumper Cable
( )	( )	Scratch Pads	( )	( )	Small Shovel
( )	( )	Pens, Pencils, Eraser	( )	( )	Hatchet, Axe, Saw
( )	( )	Flashlights, W/Batteries	( )	( )	First Aid Kit
( )	( )	Electric Lantern	( )	( )	Sleeping Bag
( )	( )	Headphones and adaptors	( )	( )	Rain Gear
( )	( )	Key	( )	( )	Warm Coat
( )	( )	Candles	( )	( )	Extra Change Cloth
( )	( )	Matches in WP Container	( )	( )	Extra Pair Shoes
( )	( )	Maps (especially local)	( )	( )	Rig, Mike
( )	( )	Battery for DC Radio	( )	( )	Antenna, Support
( )	( )	Extension Cord, Min. 25'	( )	( )	Coax, Special Fittings
( )	( )	Test Equipment, VOM, SWR	( )	( )	Dipole Wire
( )	( )	Tools	( )	( )	VHF, HF Power Supply
( )	( )	I2 V and I20 V Soldering Iron			
( )	( )	Spare Tubes if Tube Rig			
( )	( )	Spare Fuses			
( )	( )	Food and Water for 3 Days			
( )	( )	Eating Utensils			
( )	( )	Water Purifier Kit			
( )	( )	Toilet Articles			
( )	( )	Towels and Wash Basin			
( )	( )	Mirror and Shaving Kit			
( )	( )	Soap, Hand and Laundry			
( )	( )	Syphon (gas)			
( )	( )	Can and Bottle Openers			
( )	( )	TP			
( )	( )	Alarm Clock			

Anything else needed? Yes, probably, many things some of them peculiar to your own person. Quite a list and it probably makes quite a car full. What happens, it that, once you have collected all this stuff and packed it in a large wooden box that will fit in your car, wagon, or camper there it stays and is never used---like the emergency generators at WIAW and is the writer's own home that sit there 99% of the time unused. In fact it seems that once you have gone to the trouble and expense to prepare this is good insurance that nothing will happen to justify it. But look at it this way---it is less expensive than most insurance and unlike insurance is available during any emergency. And there are no recurring premiums. once you have made the investment. ARE YOU PREPARED FOR EMERGENCY SERVICES?

**Radio Shack**

STORE NO. 3855

**ZANE BATES**  
MANAGER

510 FARMERS LANE  
SANTA ROSA, CA. 95405

TELEPHONE  
545-8425

**Isotron Antennas**  
80 40 20  
**10 Fm Xcvr Kits**

DEALER

**Don Bremer KB6LO**

3200 TOBIN LANE, SANTA ROSA  
PHONE 707-546-7047

WHAT HAPPENS DURING A YEARS TIME IN A RADIO CLUB? Your Ed. went through the last 12 issues of Short Skip and found out. It may surprise you.

AG6C, Betty trained 14 Novices, helped 4 individuals, 11 became Tech. 3 became Gen. and 9 more ready for FCC this month.---NIAL held nite classes, 7 to 9 attended and several went on to Novice.---Moved the meeting place twice due to size of attendance.---Held a Reno Raffle to raise money.---4 or 5 technical articles in Short Skip.---PCB health hazard report.---DX Watch by VP2ML each month.---New Program Director worked fine.---Club sponsored Explorer Post 599.---Westlink on repeater I3/73 ---Club donated for ARRL trophy.---Article on Jammers by N6BLN.---Club dues raised.---W5YI report added to Short Skip.---Club Trailer has a license for the road.---W6BIP gave a fine report on RFI.---8 to 12 Walks, Runs, March of Dines, etc. Club furnished communications for.---Visit to UC Marine Lab. at Bodega Bay.---Club Merged with SCARS forming one Club.---By-Laws and Const. revised.---Don Wallace visited area.---NA6T Bob Smith is our new SCM.---Short Skip to I30 Copy, traveling to Ohio, Arizona, and Germany.---DJ6TJ/A Hans Berg visits our Club. His Club in Germany is our sister Club.---Several articles about Public Service with the California Department of Forestry.---Fast Scan TV-WA6RDA.---Club members and others help in two local Fires.---Field Day in Ragle Park a great showing for the public.---Phone patch interface finished as yet not installed.---W6GYF PR the Breakfast Club.---The office of Treasurer changed from Bob to Gary.---Club Helped Marin Club at their Fair and with the 100 plus bike race.---Disadter Assesment Training made available to Club by Red Cross good attendance.---Club Picnic great fun--Ren got good and soaked by many.---Xmas party Dec. 12 at Windsor.---Two QSL managers this year.---Many, Many Antenna parties this year.---RACES training held at the Santa Rosa Junior College some 60 to 70 attended.---Year of up-grading, from Tdch. to Extra.---New Officers elected for the New Year--Are they going to have anything to do?? I surely hope so.....

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SWAP SALE WANT

For Sale QST Library 1952 to 1974 264 Mags Xclnt. Condx. \$75.00  
Call WB6QJS, Jeannie or WA6ZPL, Arnie, 415-685-7160

For Sale Isotron 80Ant. \$59.95--40 Mtr. \$49.95--Compact Antennas for  
close Quarters---10 Meter FM Transceiver Kits \$50.00-----  
Used Surplus Parts and Equipment... Buy-Sell-Swap  
Call Don KB6LO 546-7047

Wanted G.E. Motorola VHF or UHF Gear--Hallicrafters SR 150 Xcvr.  
KB6LO---Wanted your old junk, (Electronics), Will Haul-----

Forsale Kenwood 400A Vox, Mike, Viking Phone Patch, \$400,00-----  
Gonset All Band, Pwr. Sup., Spk. 2 VFO, 80 Watt, \$100.00---  
W6VKB ??? after 29th Dec.

Info. Anyone interested in building a power supply for 12 v FM  
Service look up &# Mag. Aug. 79/pg.90. A very good article  
on DC supplies. Ed.

Stolen

*Yeasie Memorizer - Ser: 87010230  
If found report to Red Cross 546-0125*

# Campus club offers 'radiograms'

By SUSAN WELKER  
Arizona Daily Wildcat

An amateur radio club has started a free "radiogram" service on the University of Arizona campus, the club's vice-president said.

Scott Roleson of the UA Amateur Radio Club said the club has started the program in conjunction with Switchboard, the campus information and referral service.

Through the radiogram a message can be relayed anywhere in the United States, Roleson said. The message is relayed through a network of other amateur radio operators until it reaches the one closest to its destination, he said.

Amateur radio is not citizens band, nor has it ever had anything to do with CBs, Roleson said. It has been in existence as long as radio has, and grew out of the same beginning as commercial radio, he said.

Roleson said radiograms are similar to teletypes, and recipients do not have to be amateur radio operators. The service is free because the UA club is funded by ASUA money, and "this is one way we can feed back some of that support," he said.

The process for sending a radiogram is to first contact Switchboard in Room 209A of the Student

Union or at 626-HELP. Senders must provide recipient's complete name and address, along with a telephone number, he said.

Roleson said the message should not exceed 20 words, because "the reliability of a particular message arriving at its destination intact goes down with more than 20 words." In addition, the amateur radio operators are prohibited by law from taking commercial messages or those containing inappropriate language, such as codes or obscenities, he said.

Radiograms generally arrive within two or three days, Roleson said. He said he received a message Wednesday from Maryland that had been sent Sunday.

The message had been sent through about a dozen radio operators before it reached him, and was for someone in Green Valley, Roleson said. As the closest operator, he telephoned the recipient and gave him the message.

Messages also can be relayed to APO or FP addresses, and to some foreign countries, Roleson said. He said the problem with sending messages outside the United States is that the country has to have an agreement with the United States that the will accept amateur radiograms.

REPEATER COMM.  
NIAL Chair---K6CNI-  
W6VXI---WA8LLY---K6  
SZK---KS6W---K6MUP---  
KD6NT---WA6IXC---WA  
RNF---W6JFN-----

Tuesday Nite Net--  
W6CYM and KB6LO-----

New Novices-----  
KA6SEW Anita-----  
KA6SEY-Gonnie-----  
KA6SEZ-Donna-----  
All from Betty's  
Classes-----

Information--The  
telephone number  
544-BURN can be call  
ed to find out if  
your area is a burn

NA6T our SCM plans  
to visit our Jan.  
meeting.....

### Important Information---

All users of I3/73 repeater--FCC has just made a new rule making the licensee of the repeater responsible for language, conduct, etc., that goes over the repeater. Ron Pipes, WB6NBR is the licensee of WB6PVS and is now responsible. Let all of us users help Ron out by being careful of our selves and if any user we do not cover is out of line remind him of the rule. If this does not work get in touch with Ag6C or W6DTV or K6QXB and have the repeater turned off for the time needed.

Maybe this will get us to PL control sooner.  
-----  
THE U S HAS MADE ARRANGEMENTS TO PERMIT AMERICAN AMATEURS TO EXCHANGE THIRD PARTY TRAFFIC WITH AMATEURS IN COUNTRIES LISTED BELOW:

- Argentina--Bolivia--Brazil--Canada--Chile--Columbia--Costa Rica--Cuba--Dom. Republic--Ecuador--El Salvador--The Gambia--Ghana--Guatemala--Guyana--Haiti--Honduras--Israel--Jamaica--Jordan--Liberia--Mexico--Nicaragua--Panama--Peru--Paraguay--Trinidad/Tobago--Uruguay--Venezuela--4U IITU Swiss ITU Station-----

W5YI Report Extended--FCC adopted a Report and Order to allow facsimile A4/F4 and Television A5/F5 transmissions in additional HF, 3 to 30MHz, frequency bands where voice transmission, A3/F3, are currently allowed. Latest turnaround time for correct license is 17 days-- Hu Rah-----

XMAS PARTY---A Great Success--71 people came--Plenty of Turkey and all that went with same. Betty received a fine silver tray given to her by her Students----- Geo KS6W received the retiring President Plaque, Many members of the Club were mentioned for their help to the Club over the last year. The BAND was out of this world. It was Good. Steve Schaffer, Leader--Don Bremmer, Drums- Bud Lockwood, Bass--Vern Spellman, Electric Guitar--Walter Brunn, Banjo--Emil Hromek (85 yrs young) Banjo-- Doris, Clarke Piano-----

# THE AMERICAN RADIO RELAY LEAGUE, INC.



OFFICE OF THE  
SECTION COMMUNICATIONS MANAGER

QST  
OFFICIAL ORGAN

QST TO ALL AMATEURS

Are you Troubled with CATVI ? Do you operate on 40, 20, 15, 10, 2, and 1 $\frac{1}{2}$  meters and cause TVI on your own or a neighbors TV set? It is quite possible that you are completely legal and the CATV franchise in your area is at fault. The CATV industry uses 7-50 mhz. to down-convert channels 7-13 to economically transfer their channels to subscribers of their service. Also, the use of the MID and SUPER band frequencies between 121-300 mhz. leak out of their 'CLOSED SYSTEMS' and QRM all types of VHF and UHF communications including the 2meter and 1 $\frac{1}{2}$  meter amateur bands! Do you hear an unmodulated carrier on 145.250 mhz. or 147.060 mhz.? This is the CATV industry radiating a video carrier for Cable Channel E from 'Shielded' coax systems!

How can you get rid of TVI when you are transmitting on FUNDAMENTAL FREQUENCIES 'shared' with 'CLOSED LOOP' Catv systems.

If you have problems, what can you do?

- 1st. Notify your SCM and describe the problem in detail if possible.
- 2nd. Write ARRL and describe the problem for inclusion in their CATV interference file.
- 3rd. Read and sign the attached letter and mail it to the address at the top of the letter.
- 4th. Tell others about the problem and encourage them to also write or sign a similar letter.

THEN: by doing this you can help make the amateur bands for Amateur Radio and NOT for the CATV industry.

73,

*Bob Smith*

Bob Smith NA6T  
SCM SF Section



To: Federal Communications Commission  
Cable Television Division  
1919 m. Street NW  
Washington D.C. 20554  
Attention: Cynthia Jeffries

Dear Sirs:

As a radio amateur, I am very concerned by what appears to me to be unauthorized shared service of amateur bands with the Cable Television industry.

While I realize that the cable television industry is not authorized to openly transmit on any frequency, their systems severely leak. Not only do they leak out, but on frequency signals from our transmitters can and do severely interfere with television reception.

By concurrent use of amateur frequencies by the Cable television industry between 6.7-50 mhz. for sub channel use, 121-300 mhz. for mid and superband, I can only conclude that the Cable television industry and the Federal Communications Commission take full responsibility for interference to television reception caused by legally licensed and operated amateur radio stations.

This situation is a very serious threat to amateur radio as we know it. For example, C.B. Radio Operators used linear amplifiers which resulted in severe television interference. Now, innocent radio amateurs can no longer buy 10 meter amplifiers. Maybe in a few years we will likewise lose useage of the amateur bands or have severe "quiet hours" imposed on us because the CATV industry found that it was easier to transmit their signals at lower frequencies outside the normal television allocation than improve their technology and utilize their present television allocations from channels 2-83.

The most severe interference are from CATV use of the Following:

CATV Channel	Amateur Frequency
T-7	40 meters
T-8	20 meters
T-9	15 meters
T-10	10 meters
E	2 meters
J	1 $\frac{1}{4}$ meters
K	1 $\frac{1}{4}$ meters

Any interference caused by the CATV industry to licensed radio amateurs is also in direct violation of FCC Rule 76.613b which clearly states 'that harmful interference shall be promptly eliminated'. I feel that the CATV industry intrusion into the amateur allocation of frequencies is a clear violation of both FCC rules and international law and respectfully request that all such 'shared band' allocations be revoked and the frequencies in question be returned to exclusive amateur radio use.

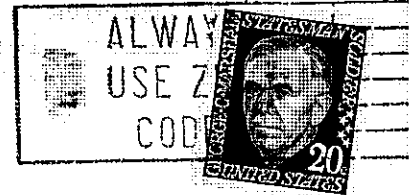
Respectfully,

SONOMA COUNTY RADIO AMATEURS, Inc

P. O. BOX 116

SANTA ROSA, CA. 95402

CLUB CALL W6LFJ



*Betty & Woppy Braven*  
*3411 Coffey Lane*  
*Santa Rosa, CA*

*95401*

*First Class*