

SONOMA CO. RADIO AMATEURS INC.

# SHORT SKIP

Vol. 6 # 12



MERGER

SONOMA COUNTY RADIO AMATEURS, Inc.

IN ASSOCIATION WITH

SONOMA COUNTY AMATEUR RADIO SERVICE

1981

*Merry Xmas*

*from*

*"The Club"*

**CLUB OFFICERS OLD**

President Len Gerald I K6ANP 795-4335  
 V Pres. Lyman Wiltshire WB6SYM 833-2000  
 Sect. Doug Stewart N6DHT 523-2118  
 Tres. Gary Davis WB6PMN 528-4304  
 Board Alan Bloom NIAL 527-0840  
 Chuck Sabin N6DDK 795-237I  
 Steve Schaffer KD6GC 546-8860

SHORT SKIP Hank Davis W6DTV and Sarah N6FAX 823-7885  
 Chod Harris, VP2ML DX Watch W6LFJ

Club Call Educational Training Educational Coord. Explorer Post Parts and Raffle Mgr. Club Badges Club QSL Mgr.

Alan Bloom Gary Davis 599- Mike Ter Sarkisoff N6DBZ 823-8977  
 Lyman Wiltshire Ron Pipes 545-3813  
 For W6LFJ Jim Tomer W6CYM

**SCARS OFFICERS**

President Geo Shedore KS6W 528-020I  
 V-Pres. Lyman Wiltshire WB6SMY 833-2000  
 Sect. Tres. Jim Tomer W6CYM 838-9454  
 Board. Don Osborne WAGACX 829-0565  
 Bud Lockwood WA6UCP 539-1579  
 Chuck Sabin N6DDK 795-237I

Club Call WB6PVS--Also Repeater  
 Tech. Comm. Hoppy Sr. K6MUP

**DECEMBER MEETING, BOARD ONLY**

Dec. 11, 8I 7:30 PM OEC Santa Rosa.  
 XMAS PARTY, Dec. 12, 8I--Windsor Mobile Home Estate, Windsor, Ca. 6:30 PM.....  
 Call Ron WB6NBR or Steve KD6GC for any info.

**THE CLUB ELECTED NEW**

President Len Gerald I K6ANP 795-4335  
 V Pres. Geo Shedore KS6W 575-0494  
 Rept. Chair. Al Bloom NIAL 527-0840  
 Activities Chair. Chuck Sabin N6DDK 795-237I  
 Sect. Bart Holmes KA6HGW 528-3955  
 Tres. Frank Gleason KB6OK 584-0907

SCRA, INC W6LFJ  
 SCARS WB6PVS  
 SHORT SKIP Hank Davis, W6DTV  
 Chod Harris- Dx Watch  
 Lyle Meek- 599  
 Sarah Davis Helper

Educational Training Educational Coord. Explorer Post Parts and Raffle Mgr. Club Badges Club QSL Mgr. Public Service Technical Comm. Xmas Party

Al Bloom, NIAL Gary Davis, WB6PMN Mike Ter Sarkisoff, N6DBZ  
 Lyman Wiltshire, WB6SMY  
 Ron Pipes, WB6NBR  
 Jim Tomer, W6CYM  
 Hank Davis, W6DTV  
 So Far--W6VXI, WABLLY, K6SZK, KS6W, W6JFN, KD6NT, WA6RNF, K6CNJ  
 Steve Schaeffer and Ron Pipes.

Tech. Comm. K6MUP.  
 No December Club Meeting---Xams Party takes it's place. Next Board Meeting 1 St. Tuesday, 12, December, OEC Meeting room.  
 The New Club will begin the New Year with a total of \$1851.52 to place in the accounts as per the new Const. and By Laws.

During the October Meeting the Constitution and ByLaws were passed by the members present with some changes added.  
 Geo, KS6W New Address--II83 A Kelp Terrac  
 Fulton, Ca. (5439--575-0494

XMAS MESSAGE FROM OUR PRESIDENT

We approach the end of 1981, A Club Year best described by the words, Challenge, Change and Demand. A year in which the members, through pride, dedication, and team work have given this organization, "The Get It Done", Reputation. A Club in which Major issues and significant changes can occur, while maintaining the Spirit of Amateur Radio.

I would like to Express My Sincere Appreciation for A job well done, Wish You The Merriest of Holidays, and Ask for your continued Active Support During 1982.

Len K6ANP

XMAS PARTY NOTES FROM RON AND STEVE

Again 12 Dec. 81--Windsor Mobile Home Estates, Windsor at 6.30 PM. Some one will talk in on 73 repeater.

Club provides TURKEY, Prizes, Plates, Napkins, Soft drinks, Mixes, Coffey, Cream, Sugar, Milk for kids.. Bring your own Silver.

Members should bring:

A--E Deserts

F--J Salads

K--O Veg. Dish

P--T Rolls or Bread

U--Z Gravy or Dressing ( stove top ?)

BYOB

The cost will be \$6.00 for adults--\$3.00 for children under 16, at the door. Pre or Early Bird Special \$5.00 for adults and \$2.50 for those under 16. Mail to Steve Schaffer, 2320 Mark West Springs Road, Santa Rosa, 95404

Semi sober Live Band under sirection of Steve--Need a mature Piano Player for control.

Gals bring a present for a Y1 and Men bring one for the Om's To be under \$2.00. Come and have a good time.

This is a members only, plus girl friend or wife or Husband. Our number is so large now that extras may not have a place to sit.

We wish to announce that KD6HQ and his wife Rose now have a family of three. A boy 9 lb. 7 1/2 Oz. Sat Nov 7th. Hope date is right.

7 Nov. 81-- I5 Club members and wives, friends appeared at the UC Marine Lab. at Bodega Bay for a visit. Co. Joe Waterman gave a very interesting description of the Lab and the work they are doing there. Enjoyed by all--Sorri you missed it.

JUNIOR OLYMPICS--N6DNB NC Station--Warren-WB6RHP, WA7PEA Willie, Sarah N6FAX, Hank W6DTV. Some 200 took part. Spring Lake, SR.

Whale Run- N6DBZ NC Mike, Warren WB6RHP, Ron WB6NBR, Bud WA6UCP, Don KB6LO.

CROP Walk and Run--II Nov, 81--I6 Km, 270 Count. N6DDK NC Chuck, Steve KD6GC, Warren WB6RHP, Van W6GFY, Al NIAL, N6FAX Sarah, N6CYV Terri with N6DDK's Daughter Katie as Driver, W6DTV.

Our friend WD6AJR, David on his way to a new job in Colorado Springs, Col. had problems with his car and was towed the last 500 miles. Hope things are ok with David and he likes his new area of work.

SWAP SALE WANT

- Wanted WB6UDR would like some one to say they have an xtal for a BC 221, call Ed on I46.73 or phone 894-5054.
- Wanted Anyone interested in serving on the repeater committee contact Al Bloom--NIAL, 527-0840, nights or 525-1400- Ext. 2973 days.
- Sale Tektronix 53I Oscilloscope with K Preamp. Reconditioned, complete with probe and operators manual. \$200.00  
Precision Signal Generator, (with book), E 200--.095 to 44 Mhz, \$30.00. W6LGQ, 762-2132.
- Sale 60 ft. Rohn tower-Wall Bracket- Fold over base mount- Ham 3 Rotor-G6 Hustler 2 Mtr. ground pln. I6 El. KLM 2 Mtr. Yagi Beam. Swan 40 Mtr. 2 El Beam--ATB34 Crush craft Tri-Bander 3 El...Inside thrust bearing--Guy Lines P G E Style Mis. Coax Columbia Super Flex--20 Ft. Heavy Duty 2" Mast Plus IO Ft. Section.---Call Gil..539-2987
- Sale Complete Kenwood 2400 HT New very little used. A price of \$350.00. Call Vern, 544-5333

PACIFIC DIVISION AMATEURS CONT... From page 6.

Some Hams with public information background, who are accustomed to dealing with the news media are being pressed into service as "Fire Information Officers", dealing with the curious reporters who arrive on a fire scene. Their duties include the giving of factual information and escorting tours of newpeople into safe areas on the fire line.

Yes indeed, In Post Proposition 13 California, Amateur Radio Operators are VIP'S in the eyes of the California Department of Forestry.

- Sale N6QP-209-795-4777 or WB6PCF in Sonoma, or I46.73---Model 454 Tristao Galvanized Free standing Crank up Tower--Wind area load I6 Sq Ft. Located in Sonoma \$850.00----
- Sale W6SVQ-P.O.Bx 618 Willits, CA. or I46.73--Kenwood R-1000 General Coverage receiver-Solid State---\$375.00
- Wanted KA6EUP 542-4412--8I6 Mercury Vapor Tube, a small size rect. Call Bob if you have one.
- Sale W6DZM-545-224I--5BTV 5 Band Vertical with radials--\$65.00 Ask for Don..

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HUMOR AMONG HAMS---Like W6DTV waiting in his car for the Tuesday Night Net to get started fell asleep and woke up about 40 minutes later. KS6W Geo, in his new quarters, after a neighborly aperitif before dinner, placed his Polish Sausage on to cook, went to sleep. An hour and a half later Geo had Smoked sausage for dinner. Oh, well--that is not all--On his first shower, before going to work, he reached for the towel---What no towels????---So Hi and Dry and Charmin came in very handy,-----Geo will get me for this.....

PACIFIC DIVISION AMATEURS ARE VIP--Ron Menet, N6AUB, SEC, SVS.

( This subject has been talked about in meetings around Sonoma County)

In Post Prop. 13 California, most public agencies are feeling the financial pinch. The California Department of Forestry, responsible for fighting the wildfires which have plagued the State throughout this record long, hot summer, is no exception. Though budget cuts come last to such an agency, they have been felt in the refusal of the State to purchase new equipment. This has been particularly true in the area of communication equipment. Working with out dated, bulky and unreliable equipment with too few frequencies available to carry-on the necessary job, The California Department of Forestry has opened it's arms to Amateur Radio and Citizens Band operators through a program known as Volunteers in Prevention, (VIP)

The program was initiated in twelve counties in 1981, the second year of it's operation, and was a direct result of Amateur Radio's involvement in the Big Sur fire on the Monterey Peninsula several years ago. The twelve counties in which it is currently operating are those in which there is the greatest danger to life and private property.

Throughout the Pacific Division, and all of California as well, Amateur Radio Operators are riding in fire engines, water tankers, with fire Bosses, operating portable from fire camps and at their homes or in their own vehicles relaying vital traffic from the scene of some major wild fires. Hams operated from the slopes of Mt. Diablo, Mt St. Helena and, just recently, in Dutch Flats, half way from Sacramento to Lake Tahoe. Hams have recently been responsible for the arrest and conviction of at least one arsonist and have been extremely important in limiting vandalism and looting in several areas. Amateurs volunteering for the program are issued distinctive vests and identification cards to show to suspicious law enforcement officials around a fire scene.

With only a handful of frequencies available, it is not difficult to understand how the Forest Service radios become quickly over-burdened and, at times, unusable. In the past, for example, some Fire Bosses have found it necessary to leave the scene of the fire, locate a telephone, and, at times spend upwards of forty five minutes on the telephone with the Command Center arranging for the equipment rotation, field kitchens and other logistic needs of the fire attack. With Amateur Radio operators available at the scene he need no longer leave but can make all of the arrangements over Amateur Radio while leaving the Forest Service radios free for emergency traffic directly related to fighting the fire.

Most such efforts have utilized VHF radio and, in some locations, portable repeaters are available to set upon a mountain top and provide direct communications from the fire line to Ranger Headquarters. In other instances, repeaters with autopatch capability are performing the same function. Not all of the traffic generated from a fire is related to the logistical needs of those fighting it however. Health and welfare traffic from the fire fighters to their families and from those evacuated from the area to their loved ones is also included.

Health and Welfare traffic produced an unexpected surprise. It seems that radio reports of injured fire fighters are frequently overheard by the news media on their scanners and, as often happens the information is broadcasted with insufficient information which could cause unnecessary heartache on some fire fighters family. Amateur radio's ability to provide a much more private communication tool for the passing of this type of information was received with enthusiasm by CDF officials.

Cont. on page 4.

The DX season continues with excellent band conditions, high levels of solar flux hampered only by occasional high absorption. In other words: the golden days of DXing are still with us, at least for another few months.

### Busting Pile-ups (Part 1)

An important aspect of everyone's DXing is getting through a pileup of other stations, all trying to work a single DX station. While chance and CQs attract some DX, eventually we all must leap feet first into the fray, and attempt to break the pileup. Many DXers spot DX stations by listening for pileups (thus missing some easy DX, by the way.) So how can we improve our chances of getting through?

There are only two ways to get through the pileup: brute force and finesse. The brute force technique works well for the small minority of amateurs whose landscape, budget and neighbors permit acres of antennas and 100+ foot towers. The rest of us mortals must be content with more subtle methods of getting our call through the horde. We'll look at some of these techniques in the coming months.

First, put away the key or mike and start listening. The most useful thing you can do to improve your chances of making the contact through the pileup is to listen, not transmit. If the DX station didn't come back to your first or second call, you are probably not loud enough to use the brute force technique. So listen, and listen carefully. What is the DX station's call? Who is he working? What part of the world is he working? What kinds of calls is he answering? Short? Long? Phonetic? On what frequency is he listening? We'll examine each of these in detail in 1982. Good hunting!

Notes from OHIO--Joe Berman spent a year out here in the Santa Rosa area on a research project. He is now back to work at the OHIO University. I will bring the full letter to the next meeting but several items are for Short Skip Readers too.

\*The local amateur Club maintains a 34/94 repeater and has been very active in public service events since June. We are also in a very sensitive area when it comes to disaster services communications: we are in the middle of Appalachia, a good distance from large cities, hilly terrain, lots of flooding, bad winters and stranded motorists who are way "out in the boonies". So, we have lots to do most of the year.

( This is for the repeater Comm) I am also a member of the Columbus, Ohio radio club which maintains the most sophisticated repeaters in the country, I think. The members manual for operation of the machines and all of the functions therein is over 20 pages long, single spaced. It offers, patch, reverse autopatch, computer controlled rapid dial with three digits, ( all emergency numbers in the Columbia area); Computer controlled interlocking of our machine with 20 other machines around OHIO AUTOMATICALLY with only touch/tone code access PLUS the ability to program the beam heading and input/output frequencies of other (not already programmed into the micro-processor system) machines within it's range. All from a TT and HT." 5.

# W5YI REPORT.....

Word is out that the plain language rules are in the deep six. Cable TVI Interference of The Future--- Keep an eye on the frequencies of I44.250 and I47.060. It seems that these two frequencies are the ones used by Cable TV in some areas as a vehicle to carry their programs.

## FCC ESTABLISHES NEW DISASTER RADIO RESPONSE PROGRAM

The commission has released rules for a short wave radio frequencies allocation and assignment program through which individual states of the U, S, can meet disaster communications needs. This seems to be a state level and may never reach our area.??

## FCC SEEKS COMMENTS ON AMATEUR RADIO SERVICE RULES IMPACT ON GROUPS

The commission is seeking comment on a list of rules to be reviewed over the next 12 months in accordance with the Regulatory Flexibility Act. This is the first section of a five year plan to review all rules. Among the FCC Rules to be reviewed during 1982 is...

### 8. Part 97 All Subparts--Amateur Radio Service.

The FCC is soliciting comments on how the existing rules in these services impact such entities as small business, non-profit organizations, and so forth.

1. Economically impact the commenter
2. Complexity of the rules
3. Degree to which technology, economic conditions and other factors have changed in the area affected by the rules.
4. Continued need for the rule
5. Extent to which the rules overlap
6. And any other matters that would facilitate an informed review.

Send comments to:

Personal Radio Division of the Private Radio Bureau  
FCC I(I) M St. N.W. Washington D.C. 20554- Att. William J. Tricarcio  
Sect.

## ATTORNEY GENERAL RULES ANDOVER RFI ZONING LAW ILLEGAL

Back on may of 81 the town of Andover Mass. at their annual town meeting approved an amendment to their zoning by laws which required radio Amateurs to correct all RFI/TVI problems caused by Ham operators. Thus a burden was placed upon the amateurs over which they had no control.

## PROCEDURE FOR RENEWING INTERIM AMATEUR RADIO PERMITS

Requests for extension of the 60 day permit should be sent to the office that issued the permit along with a copy of that permit.

## FCC'S PRIVATE RADIO BUREAU PROPOSES TO CUT PERSONAL RADIO SERVICE

Low priority functions and activities are being indentified and impact statements prepared. CB first--Then what?

## THERE WILL BE A NEW PACIFIC DIVISION ELECTION FOR DIRECTOR

Ballots will be mailed out on/before December 1st with tabulation to be done on January 20th.

ARRL Headquarters has a new HOT LINE for NEWS 203-666 1545. This number can be used at any time to report amateur activities of national interest.

KA6RLU Pam, Lyle's N6BLN's Wife completes the Ham group for the Meek family. Son Mike, the oldest, is a Novice and Son Steve, the younger, is a General. Steve and Dad are active in RACES. Mike is Electronics Tech. at Chuck E. Cheese Santa Rosa.

FROM THE NEW

95401

Betty Hays Brown  
3411 Coffey Lane  
Santa Rosa, CA

1981-Ver-6

CLUB CALL WLEFJ

SANTA ROSA, CA. 95402

P. O. BOX 116

SONOMA COUNTY RADIO AMATEURS, Inc.



UP GRADING DURING THE MONTH

Betty's YL's----Yes Sir: They did it again--Eight YL's Novice or higher for the month.

Jan--KA6RQT, Novice....Terri--KA6RQJ, Novice....Judy--KA6RQK, Technician....Jeannine--KA6RQL, Novice....Pat--KA6SBD, Novice.... Helen--KA6IXK, General....Kathy--WB6UAZ, Technician....Dorothy--KA6KJI, Technician.....A good job for this month..... There is a rumor that there may be nine again next month--Look out OM's.

OPENING---Lyle says that the office of EC ,(ARRL), is open and anyone interested can contact him for information. 829-2026

Explorer Post 559 is gearing up. Some 18 members so far this year have signed up. Let's Go.....

K6QXB--RACES Radio Officer, announced on the RACES ADMIN. Net that from now on there would be a Stand By on the repeater after any Chemical spills were announced. Just in case Amateur Radio help would be needed.

For Sale--Kenwood 2200 Fm 2 Mtr I2 Chan. Xtal I2 v or Nicad Pwr. Out put 400mw or 2 Watts- Charger and Leather Case. \$200.00 Call Bill KA6GVA--538-5459-- Also Drake 2NT-2 CQ Mult. 2C rcvr. 75 Watt Xtal Cont. Novice Starter. See or Call Bill

Note-- Any one experiencing intermittent problems in two or HF check the small spring between the coil and whip in mobile ant systems. Mine had a broken inner connection and when removed helped a great deal. Warren WB6RHP let me in on this one.--W6DTV