

# Sonoma County Radio Amateurs, Inc.

Club Station  
W6LFJ

P.O. Box 116  
Santa Rosa, CA 95402

Repeater Station  
WB6PVS



VOL. 9 #11

NOV 1984

## TWO METER BAND PLANS PRO & CON..

THE AMATEUR TWO METER BAND IS, BY FAR, THE MOST USED OF ALL HAM BANDS. BUT CROWDING IS A PROBLEM AND ADDITIONAL REPEATER PAIRS ARE NOT AVAILABLE IN MANY MAJOR CITIES. SOME STATES ARE DOING SOMETHING ABOUT IT. ADOPTING THE 20 KHZ BAND SPACING.

THE MOVEMENT TO CHANGE THE AMATEUR TWO METER BAND PLAN FROM THE PRESENT 30 KHZ SPACING TO A UNIFORM 20 KHZ CHANNEL SPACING SEEMS TO BE GAINING STRENGTH.

AMATEURS SEEM TO HAVE VERY STRONG FEELINGS ON THE MATTER. MANY ARE IN FAVOR MANY OPPOSED. THE PRESENT ARRL SANCTIONED, 30 KHZ CENTERED, TWO METER BAND PLAN CALLS FOR 42 FM REPEATER PAIRS. THE PACIFIC NORTHWEST 20KHZ PLAN ALLOWS 59 AN INCREASE OF SOME 40%.

BAND PLANS ARE JUST THAT... GENTLEMENS AGREEMENTS AMONG AMATEUR SPECTRUM USERS. WHILE NOT MANDATED BY FCC RULES, BAND PLANS ARE SUPPORTED BY THE COMMISSION WHEN LARGE GROUPS OF AMATEURS SEEK TO LOGICALLY COORDINATE REPEATER SPACING IN THE INTEREST OF REDUCING INTERFERENCE.

THE COMMISSION IS ON WRITTEN RECORD AS SAYING THAT THEY WILL TAKE DISCIPLINARY ACTION AGAINST ANY AMATEUR THAT WILFULLY AND KNOWINGLY IGNORES WIDELY RECOGNIZED BAND PLANS. THEY SAY THE RULE THAT COVERS THIS IS THE PART 97.78 REQUIREMENT THAT AMATEURS OPERATE IN ACCORDANCE WITH GOOD AMATEUR PRACTICE.

BELOW ARE THE FREQUENCIES OF THE 20 KHZ BAND PLAN..LOOK IT OVER TIME MAY COME FOR YOU TO NOTE ON THESE TWO.

REPEATER: BAND SEGMENTS:  
 INPUTS: 144.51--144.89, 146.00-146.38  
 147.60-147.98 MHZ  
 OUTPUTS: 145.11-145.49, 146.60-146.98  
 147.00-147.38 MHZ

(59 FM REPEATER PAIRS-INPUT/OUTPUT)

144.51/5.11	146.00/.60**	147.60/.00	144.89/5.49	146.38/.98	147.98/.38
144.53/5.13	146.02/.62	147.62/.02			
144.55/5.15	146.04/.64	147.64/.04			
144.57/5.17	146.06/.66	147.66/.06			
144.59/5.19	146.08/.68	147.68/.08			
144.61/5.21	146.10/.70	147.70/.10			
144.63/5.23	146.12/.72	147.72/.12			
144.65/5.25	146.14/.74	147.74/.14			
144.67/5.27	146.16/.76	147.76/.16			
144.69/5.29	146.18/.78	147.78/.18			
144.71/5.31	146.20/.80	147.80/.20			
144.73/5.33	146.22/.82	147.82/.22			
144.75/5.35	146.24/.84	147.84/.24			
144.77/5.37	146.26/.86	147.86/.26			
144.79/5.39	146.28/.88	147.88/.28			
144.81/5.41	146.30/.90	147.90/.30			
144.83/5.43	146.32/.92	147.92/.32			
144.85/5.45	146.34/.94	147.94/.34			
144.87/5.47	146.36/.96	147.96/.36			

\*\*THIS PAIR IS NOT USABLE SINCE THE INPUT WOULD SPILL OVER INTO THE OSCAR SUB-BAND AND IS BELOW THE FCC BAND LIMIT OF 146 MHZ AUTHORIZED FOR REPEATER OPERATION IT MIGHT BE THAT THE FCC MIGHT AUTHORIZE AN FM CHANNEL HERE IN THE INTEREST OF INCREASING USABLE REPEATER SPECTRUM.

INFORMATION FROM THE W5YI REPORT OF OCTOBER 13, 84.

\*\*\*\*\* CHRISTMAS PARTY \*\*\*\*\*

Come and Enjoy the Fun!!!

When: December 8, 1984

- 4-6 pm Set up
- 6 pm Social Hour
- 7 pm Dinner
- 8-8:30 Awards & Presentations
- 8:30-9 Gift Exchange & Raffle
- 9-10:30 Socializing

Where: National Guard Armory  
1500 Armory Drive  
Santa Rosa

What to bring:

- Last Names beginning with
- A-E: Bread or Rolls
- F-I: Vegetables, Potatoes, etc.
- J-N: Salads (green, macaroni, etc.)
- O-S: Chips and Dip
- T-Z: Desserts

How much?

*IN ADVANCE*

- \$5.00 per individual club member
- \$5.00 per individual in club member's immediate family
- \$3.00 per child (under 12) in club member's immediate family
- \$7.50 per individual non-club
- \$4.50 per child non-club

Send checks made out to "SCRA" (no cash please) to:  
Doug Bender, WAQJRB  
3638 Hemlock Court  
Santa Rosa, CA 95401

Cutoff for Advance reservations:  
NOVEMBER 30, 1984

*AT THE DOOR*

- \$6.00 per individual club member
- \$6.00 per individual in club member's immediate family
- \$4.00 per child (under 12) in club member's immediate family
- \$9.00 per individual non-club
- \$6.00 per child non-club

*Flea Market Results:*

	Income	Expense
Return of Security Deposit	\$100.00	
Auction	160.60	
Food	243.95	\$146.46
Raffle	365.00	177.00
Tables	230.00	
SCRA Club Table	216.00	
Rent		225.00
Postage		38.00
Xeroxing/Advertising		20.00
<b>NET INCOME</b>		<b>709.09</b>
	<u>1315.55</u>	<u>1315.55</u>

*Marquee Theater Results:*

	Income	Expense
Rental Fee		\$750.00
Ticket Sales	\$910.00	
<b>NET INCOME</b>		<b>160.00</b>
	<u>910.00</u>	<u>910.00</u>

FOR SALE..K06G, 415-540-9209..HEATH KIT HW 101 SPK., CW FILTER, AC DC PWER. PHONE..... CURRENT ISSUE OF QEX..MAG. HOW TO CONVERT THE TIMEX SINCLAIR COMPUTER TO RTTY.....

RACES.....REORGANIZATION...

1. COUNTY OFFICE OF COMMUNICATIONS
    - A. RACES RADIO OFFICER
    - B. ASSN. RADIO OFFICER
  - @. STATION REPORTS
  3. LOCAL AREA NETS
    - B. SUPPORT ZONES
  4. A BOARD OF DIRECTORS WITH A MEMBER FROM EACH AREA.
    - B. MEETS EACH QUARTER
  6. TRAINING
    - A. QUALIFY FOR DISASTER ASSESSMENT
    - B. NCS, RADIO ROOM TRAINING
  7. BOARD OF DIRECTORS WILL HAVE POWER TO ELECT RADIO AND ASSN. RADIO OFFICER. ONE MEMBER BEING FROM UNASSIGNED GROUPS. (NON CLUBS)
- EMERGENCY 911 WAS EXPLAINED ALSO 911 CALL UP ON THE 5.25 REPEATER.  
OF NOTE IS THAT IN THE COUNTY THERE ARE ABOUT 750 AMATEURS, ABOUT 200 SIGNED UP WITH RACES AND ABOUT 60 ACTIVE???

1984 OFFICERS  
 PRESIDENT....DOUG BENDER..WAØJRB, 526-1489  
 V. PRESIDENT.  
 SECT.....KATHY BOYETT.WB6UAZ, 544-7943  
 TRES.....BILL MEYER ..K6TCD, 539-1489  
 BOARD MEMBER  
 AT LARGE.....CHUCK SABIN..N6DDK, 795-2371  
 ACTIVITIES...STEVE SCHAFFER..KD6GC, 546-8860  
 REPEATER  
 CHAIRMAN.....AL BLOOM..N1AL, 838-4524  
 SHORT SKIP...HANK DAVIS..W6DTV, 823 7885  
                   SARAH DAVIS..N6FAX  
 RACES LIAISON.JIM BOYETT..WB6UBA, 544-7943  
 PRESS.....VAN GROSS..W6GFY, 544-3485  
 ASSN. DIRECTOR  
 CLUB REP.....CHUCK SABIN..N6DDK, 795-2371

REPEATER..WB6PVS..146.73..CLUB STATION W6LEJ...  
 NET EVERY TUESDAY 7PM..146.73..CLUB MEETINGS  
 1ST. WEDNESDAY IN OFFICE OF EMERGENCY SERVICES  
 PLANNING ROOM, SANTA ROSA, CA. 95402 P.O. BOX  
 116..RACES MEETS FIRST AND THIRD MONDAY EACH  
 MONTH 7PM ON LOCAL FREQUENCY. ADMIN. NET 146.73  
 AT 7:30 PM..CLUB MEETINGS 7:30 PM.....

ACTIVITY CHAIR LIST

REFRESHMENTS AT MEETINGS...BOB OLSTEN  
 RAFFLE..LYMAN WILTSHIRE..TICKETS TERRY LA DUKE  
 XMAS PARTY???DOUG BENDER..STEVE SCHAFFER  
 EDUC.COMM..GEO SHEDORE..LEN GERALDI  
 WALKATHRONS..AL SCHMIDT..CHUCK SABIN..AL BLOOM  
 PROGRAM CHAIR..AL SCHMIDT  
 GREETINGS AT MEETINGS..PAT SCHAFFER  
 HIDDEN XMTR..AL SCHMIDT..TERRY LA DUME..CHUCK  
 SABIN  
 QSL MGR..???  
 MARQUEE THEATER..CHUCK SABIN

**Radio Shack**

STORE NO. 3855

**ZANE BATES**  
 MANAGER

510 FARMERS LANE  
 SANTA ROSA, CA. 95405

TELEPHONE  
 546-8423

de WAØJRB

With the leaves turning colors on the trees and vines, the club is drawing another successful year to a close. The Annual Flea Market was an outstanding success, thanks to the planning and motivation of others by Al Bloom, N1AL. And the Marquee Theater fund-raiser was also successful plus fun for all--it put everyone in a Halloween mood! Thanks to all who sold tickets (Hank Davis, W6DTV principally) and to the overall coordinator, Chuck Sabin, N6DDK.

The past month also brought news of the departure from the Santa Rosa area of our president, Jim Tomer, W6CYM. Jim contributed greatly to the club, and his experience and guidance will be missed. Good luck Jim and Helen, and stay in touch with us.

Have you been listening on-the-air lately? The HF bands are getting quieter and DX is being heard with more clarity. Even on VHF, you should start hearing further--try simplex after contacting your friend on the repeater--you'll be surprised! Upcoming *operating* events this month include the CQ World Wide Contest (Phone) the last weekend. Good luck and have fun *operating!!!*

73's      Doug

DATES TO REMEMBER.....  
 NOVEMBER MEETING....ELECTION OF OFFICERS FOR 1985..IF YOU ARE NOT THERE OR HAVE NOT GIVEN YOUR CHOICE TO WA6ACX, FOREVER HOLD THE PEACE.

MEMBER OF THE YEAR AWARD DUE NOVEMBER 1ST. MAIL TO P.O. BOX 116 %AWARD COMM. SANTA ROSA, CA. 95402..SCRA, INC.

DECEMBER ...NO REGULAR MEETING..XMAS PARTY.....  
 AT TIME OF PRINTING IT IS TO BE HELD AT THE NATIONAL GUARD ARMORY..SANTA ROSA, CA...OFFICERS INSTALLED FOR 1985...MEMBER OF THE YEAR AWARD PRESENTED..A GOOD TIME FOR ALL..SANTA WILL BE THERE.

IN THE OCTOBER ISSUE OF QST ON PAGE 63 IARU NEWS YOU WILL FIND AN ARTICLE ON DL LAND BY MEMBER HANS BERG OUR HONORARY MEMBER OF THE CLUB. OUR FRIEND VANN GROSS IS STILL WAITING FOR THE CONTRACTORS THAT WILL WORK ON HIS HOUSE TO GET THE BIDS OUT OF THE WAY SO HIS HOME WILL BE DONE BEFORE REAL WINTER SETS IN. IF ANY OF YOU WISH TO TALK TO HIM THE NUMBER IS 546-9353 rm. 115 . see you all at the xmas party.....

**MINUTES OF THE OCTOBER, 1984  
GENERAL MEETING  
(SUBJECT TO APPROVAL AT THE NOVEMBER MEETING)**

THE GENERAL CLUB MEETING WAS HELD ON OCTOBER 3, 1984, AT THE EMERGENCY OPERATIONS CENTER OF THE COUNTY ADMINISTRATION COMPLEX AND WAS CALLED TO ORDER AT 7:32 P.M. BY OUR PRESIDENT, DOUG, WA8JRB.

THE FOLLOWING VISITORS WERE INTRODUCED: KB6HFT, ANNE (WHO JOINED TONIGHT); KA7NZD, LEE (WHO JOINED TONIGHT); WARREN (WHO IS IN THE NOVICE CLASS); BETTY (FRIEND OF N6FQZ, JACK); PAM (WIFE OF WA8JRB, DOUG); PAM (WIFE OF N6BLN, LYLE); WB6YUB, RICK (WHO JOINED TONIGHT) AND LAURA (WIFE OF WB6YUB, RICK). WELCOME TO ALL AND WE HOPE YOU ATTEND AGAIN.

THE FOLLOWING UP-GRADES WERE RECEIVED: WD6DPE, BOB, TO TECHNICIAN; AND WA8Lly, STEVE, TO EXTRA CLASS. CONGRATULATIONS TO BOTH BOB AND STEVE FOR A JOB WELL DONE!

**STANDING BUSINESS**

THE MINUTES OF THE SEPTEMBER MEETING WERE APPROVED (MOVED BY KD6GC, SECONDED BY WA8Lly, VOTED BY THE CLUB).

TREASURER'S REPORT: WE HAD NO REPORT TONIGHT AS THE TREASURER IS OUT OF TOWN AND DIDN'T LEAVE THE MATERIALS.

NEW PRESIDENT: WA8JRB, DOUG, IS OUR NEW PRESIDENT REPLACING W6CYM, JIM, WHO MOVED TO PARADISE, CA. WE ALSO NEED SOMEONE TO BE THE TRUSTEE FOR W6LFJ AND QSL MANAGER. IT SHOULD BE THE SAME PERSON AND THEY SHOULD HAVE AN EXTRA CLASS LICENSE.

**COMMITTEE REPORTS**

REPEATER COMMITTEE: THE REPEATER SEEMS TO BE WORKING ALRIGHT SINCE THEY WENT UP LAST WEEKEND. A PASS TRANSISTOR IN THE POWER SUPPLY HAD GONE OUT. WE STILL HAVEN'T ORDERED THE DECODER BOARD FOR THE REPEATER THAT WAS APPROVED LAST MONTH BY THE BOARD.

EDUCATION COMMITTEE: WB6TMY, WARREN, IS CONDUCTING A NOVICE CLASS ON SATURDAY MORNINGS AT HIS HOME. THERE ARE ABOUT 3 PEOPLE IN THE CLASS AT THIS TIME. AN UP-GRADE CLASS WILL BEGIN THURSDAY NIGHT HERE AT THE EDC AT 7 P.M. N1AL, AL, WILL BE CONDUCTING IT AGAIN. THERE ARE ABOUT 6 PEOPLE INTERESTED.

THANKS EXPRESSED: TO N1AL, AL, FOR THE GOOD JOB ON THE FLEA MARKET; AND TO N6DBK, CHUCK, FOR THE FUN TIME HAD BY ALL AT THE MARQUEE THEATER.

ACTIVITIES COMMITTEE:

1) WE PROBABLY MADE CLOSE TO \$700 PROFIT ON THE FLEA MARKET. WE ESTIMATE ABOUT 300 PEOPLE ATTENDED.  
2) SEVENTY-THREE PEOPLE ATTENDED THE MARQUEE THEATER FUND RAISER. IT WAS POSSIBLE FOR 100 TO ATTEND SO WE FELT A LITTLE SHORT OF OUR GOAL.

3) WE RECENTLY HELPED IN GIVING COMMUNICATIONS FOR A BIKE-A-THON TO BENEFIT DIABETES. THERE WERE OVER 200 PARTICIPANTS IN THE EVENT.

CHRISTMAS PARTY: SINCE W6CYM, JIM, HAS MOVED OUT OF THE AREA, WE WILL NEED ANOTHER LOCATION AT WHICH TO HOLD OUR CHRISTMAS PARTY. WE HAVE RESERVED THE SEBASTOPOLE COMMUNITY CENTER, BUT IT WILL COST US \$125. IF ANYONE KNOWS OF A PLACE WE COULD POSSIBLY USE, PLEASE LET US KNOW IMMEDIATELY. MOST EVERYTHING IS ALREADY BOOKED FOR THE MONTH OF DECEMBER. THE PARTY WILL BE ON DECEMBER 8.

RACES: THERE WILL BE A RACES MEETING ON MONDAY, OCTOBER 8, AT 7 P.M. HERE AT THE EDC. ALL WHO ARE INTERESTED IN EMERGENCY COMMUNICATIONS ARE INVITED TO ATTEND.

ARRL DIRECTOR'S REPORT: N6DBK, CHUCK, RECENTLY ATTENDED THE DIRECTOR'S MEETING AND GAVE THE FOLLOWING REPORT: THE NEW VE PROGRAM IS GOING WELL; YOU SHOULD HAVE AT LEAST 3 EXTRA CLASS LICENSEES ADMINISTERING THE TEST; A NEW PACKET RADIO PAPER CALLED, "GATEWAY" IS AVAILABLE FOR \$6/YEAR; THE PACIFIC DIVISION NOW HAS 7555 MEMBERS. THE FOLLOWING PROPOSALS WERE GIVEN: LIST EXAM DATES IN QST; HAVE A DX ADVISORY COMMITTEE; ISSUE CLUB STATION CALLS AGAIN; COME UP WITH NEW AWARDS FOR TRAFFIC HANDLING; DEFINE FIELD DAY - EITHER CONTEST OR PUBLIC RELATIONS EVENT; IMPROVE THE DX HONOR ROLL CERTIFICATE; STREAMLINE THE NATIONAL TRAFFIC HANDLING SYSTEM. THE NEXT MEETING WILL BE ON FEBRUARY 9. IF YOU HAVE ANY SUGGESTIONS, PRESENT THEM TO CHUCK BEFORE THEN.

**NEW BUSINESS**

THE NOMINATING COMMITTEE: WA6ACX, DON, AND WB6UBA, JIM, ARE CO-CHAIRMAN OF THIS YEAR'S NOMINATING COMMITTEE. ELECTIONS WILL BE HELD AT THE NOVEMBER MEETING. IF YOU HAVE SUGGESTIONS OR WOULD LIKE TO VOLUNTEER FOR AN OFFICE, CONTACT EITHER DON OR JIM. REMEMBER THE CLUB IS ONLY AS GOOD AS YOU MAKE IT, LET'S GET INVOLVED!

Cont on 5.

## DISASTER AWARENESS CHECK LIST

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- ( ) 1. IS YOUR EMERGENCY EQUIPMENT IN ORDER AND READY TO GO?
- ( ) 2. IS YOUR HOME ANTENNA SYSTEM SECURED AGAINST FALLING OR PENDILIUM EFFECT DURING AN EARTHQUAKE?
- ( ) 3. IS YOUR BASE EQUIPMENT SECURED AGAINST EARTHQUAKE MOVEMENT? IS YOUR RACK AND PANEL UNITS SECURE TOP AND BOTTOM TO A NEAR BY WALL?
- ( ) 4. DO YOU HAVE AN EMERGENCY BOX FOR YOUR CAR THAT CONTAINS FOOD, WATER, CLOTHING, FOR SEVERAL DAYS?
- ( ) 5. IS YOUR EMERGENCY GENERATOR FOR THE BASE STATION AND HOME READY AND WITH GAS?
- ( ) 6. DO YOU HAVE OVERNIGHT PERSONAL SUPPLIES READY? (SOAP, TP, SLEEPING BAG, ETC.)
- ( ) 7. SUPPLY OF FLASHLIGHTS? (CHEMICAL STICK LIGHTS ARE NEW)
- ( ) 8. FIRE EXTINGUISHER IN CAR?
- ( ) 9. HAVE YOU FILLED YOUR GAS TANK? YOU MAY BE AWAY FROM A STATION FOR A WHILE.
- ( ) 10. DO YOU HAVE A SCANNER IN YOUR CAR OR ONE AVAILABLE?
- ( ) 11. DO YOU HAVE A BOOK OF LOCAL MAPS IN THE CAR?
- ( ) 12. DO YOU HAVE YOUR LOCAL FREQUENCY LIST WITH YOU?
- ( ) 13. HAVE YOU A TOOL BOX WITH YOU PLUS SOLDERING EQUIPMENT?
- ( ) 14. AUXILIARY ANTENNA PARTS, PLUGS, COAX, HAND HELD PLUS BATTERIES AND ADAPTORS.
- ( ) 15. FIRST AID KIT, EXTRA BLANKETS, WATER PURIFIER KITS.
- ( ) 16. LOGS, MESSAGE BLANKS, PADS, PENCILS, CARBON PAPER, HEADPHONES, CLIP BOARD.
- ( ) 17. WATCH, CLOCK,
- ( ) 18. CAR TOW CHAINS, JUMPER CABLES, SHOVEL AND HATCHET .
- ( ) 19. RAIN SEASON GEAR.

THIS LIST COULD GO ON BUT AS YOU SEE IT COVERS JUST THOSE THINGS THAT MANY TIMES YOU DO NOT HAVE HANDY WHEN YOU NEED THEM. THEY FIT IN A SMALL BOX AND CAN BE KEPT HANDY AND READY TO ROLL.

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CLUB MEMBER OF THE YEAR AWARD: N6KZS, PHIL, IS CHAIRMAN OF THIS YEAR'S COMMITTEE. THE CRITERIA FOR CLUB MEMBER OF THE YEAR ARE IN THE CLUB'S CONSITUTION. NOMINATIONS MUST BE RECEIVED IN WRITING BY OCTOBER 31. THE PRESENTATION WILL BE MADE AT THE CHRISTMAS PARTY IN DECEMBER. WHO WOULD YOU LIKE TO HAVE AS THIS YEAR'S RECIPIENT?

ARES: AS KSGW, GEORGE, IS LEAVING THE AREA, A NEW EC FOR SANTA ROSA IS NEEDED. IF YOU COULD SERVE IN THIS CAPACITY, PLEASE LET US KNOW.

### PROGRAM

KD7NT, AL, WAS IN CHARGE OF OUR PROGRAM TONIGHT. AS A CHANGE OF PACE, WE HAD AN AUDIENCE PARTICIPATION PROGRAM. EACH PERSON WAS ASKED THE FOLLOWING QUESTIONS:

1. YEAR YOU WERE FIRST LICENSED, YOUR FIRST CALL?
2. WHAT GOT YOU STARTED?
3. WHAT KEEPS YOU GOING?
4. WHAT WOULD YOU LIKE FOR PROGRAMS?

IT WAS A VERY INTERESTING EVENING IN WHICH WE ALL GOT TO KNOW EACH OTHER A LITTLE BETTER.

SOME OF THE SUGGESTIONS FOR FUTURE PROGRAMS WERE: DX, SERVICE RELATED, PROPAGATION, TECHNICAL, OPERATING SKILL, AMPLIFIERS, INTERFACING HAM RADIO WITH COMPUTERS, RTTY, ANTENNAS, METERS, LOCAL EMERGENCY COMMUNICATIONS PERSONNEL, FIELD DAY, PACKET RADIO, ARRL MOVIES, DX SLIDES OF EXPEDITIONS, CONTESTING, EMERGENCY SERVICES, ETC.

A SPECIAL THANK YOU TO AL FOR TONIGHT'S PROGRAM. HE HAS DONE A GREAT JOB!

THERE WAS NO RAFFLE TONIGHT.

THE MEMBERSHIP LOTTERY OF \$6.76 WAS LOST BY TONIGHT BY W6LGG, ART.

THE MEETING WAS ADJOURNED AT 9:40 (MOVED BY W6GACX, VOTED BY THE CLUB).

--KATHI BOYETT, W6BUAZ, CLUB SECRETARY

## EARTHQUAKE AWARENESS CHECKLIST

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- 1. Family members 10 years old and older know how to turn off all utilities.
  - Water
  - Gas
  - Electricity
- 2. At least one member of the family is trained in advanced first aid techniques.
- 3. A three to four day supply of water is stored in dated plastic bottles and may be reached from at least two entrances.
- 4. A three to four day supply of dried, canned or frozen food is available in your home or apartment.
- 5. A flashlight for each family member is kept near each member's bed.
- 6. A pair of shoes is kept under each family member's bed.
- 7. Your family has developed an earthquake "emergency" plan and all minor children have medical release forms.
- 8. A family friend or relative who lives at least 300 miles from you has a list of persons to contact (after hearing from you) in case of an earthquake emergency.
- 9. Your family has a suitcase packed, ready for instant use following an earthquake; the contents include the following:
  - A heavy duty flashlight with extra batteries
  - A portable radio with extra batteries
  - Two blankets (for possible shock victims)
  - A first aid kit and first aid manual
  - 100 medium-sized, heavy-duty plastic bags (garden variety with ties, for human waste disposal).
  - Manually operated can opener
  - A bar of soap
  - Scissors, small needles, and tweezers
  - Aspirin
- 10. At least one all-purpose fire extinguisher is available in your house or apartment.

WSYI REPORT OCTOBER 1 84.....

GOLDWATER INTRODUCES ANTI-JAMMING LEGISLATION:.. SENATOR BARRY GOLDWATER , K7UGA , INTRODUCED LEGISLATION INTO CONGRESS ON SEPTEMBER 11, 84, THAT WILL MAKE IT A FEDERAL OFFENSE TO WILLFULLY AND MALICIOUSLY INTERFERE WITH RADIO COMMUNICATIONS. THE BILL PROHIBITS JAMMING BY ANY PERSON AND AUTHORIZES THE FCC TO PREVENT CONTINUED INTERFERENCE WHILE PROCEEDING AGAINST THE PERPETRATOR. SENATE BILL 2975 ALSO CLARIFIES AND REAFFIRMS EXISTING LAW.

AS EXPECTED, THE TEXAS VHF-FM SOCIETY SENT IN THEIR COMMENTS ON GENERAL DOCKET 81-413 OPPOSING SPREAD SPECTRUM BY NON-AMATEURS ON AMATEUR SPECTRUM IN THE 70 MHZ AND UP RANGE. THEY ARGUE THAT THE FCC "HAS GREATLY UNDERESTIMATED THE POTENTIAL FOR INTERFERENCE..." THEY ALSO NOTE THAT THE INTERFERING NOISE WOULD BE DIFFICULT TO DETECT AND LOCATE AND "THE PROPOSED RULES APPEAR TO OFFER NO LEGAL OR PROCEDURAL RECOURSE TO THE AMATEUR RADIO AMATEUR..." THEY ASKED THAT ALL AMATEUR SPECTRUM 70 MHZ AND UP BE PROTECTED AGAINST SPREAD SPECTRUM EMISSIONS THE SAME AS THAT AFFORDED TO "RADIO ASTRONOMY, DISTRESS BEACONS, AIR NAVIGATION AND LANDING AIDS..."

"73 MAGAZINE TO CONTINUE PUBLICATION".....  
CONTRARY TO WHAT YOU MAY HAVE HEARD, "73 MAGAZINE" IS ALIVE AND WELL AND ITS FINANCIAL FUTURE IS SECURE. CW COMMUNICATIONS HAS MADE A STRONG COMMITMENT TO 73 MAG. AND WE ARE TOLD THAT WE CAN LOOK FORWARD TO SOME EXCITING THINGS FROM THEM.

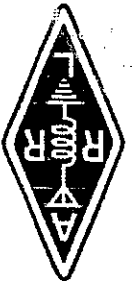
"PACKET RADIO - OVERVIEW AND PROSPECTIVE... WILL BE THE SUBJECT OF THE FIRST TRN TO BE PRESENTED UNDER SPONSORSHIP OF THE MIDWAY CLUB, SUNDAY, DEC. 1, 1984-6 PM CST.

NEW 610 FCC FORMS RELEASED AS OF SEPTEMBER 17..THE FORMS ARE COMPLETELY NEW TO COMCIDE WITH THE NEEDS OF THE NEW VOLUNTEER EXAMINER PROGRAM. NEW RULES SINCE THE FORM HAS BEEN PRINTED HAVE ALREADY MADE IT OUT OF DATE. FOR EXAMPLE, THE INSTRUCTIONS REPORT THAT ALL FEES ARE SUSPENDED AND DO NOT TAE INTO CONSIDERATION THE FCC AUTHORIZATION OF EXPENSE REIMBURSEMENT TO VOLUNTEER EXAMINERS AND VECs.

#### OTHER POINTS OF INTEREST...

1. THE FCC RECOMMENDS THAT AMATEURS FILE LICENSE RENEWALS ABOUT 60 DAYS BEFORE EXPIRATION.
2. ALIENS SEEKING PERMISSION TO OPERATE UNDER A RECIPROCAL AGREEMENT BETWEEN THEIR COUNTRY AND THE U.S.A. MUST FILE FORM 610-A AND NOT 610.
3. AMATEUR RADIO STATIONS FOR CLUBS, MILITARY RECREATION OR RACES STATIONS MUST USE FCC FORM 610-B.
4. ALL APPLICATIONS SENT TO FCC, P.O. BOX #1020, GETTYSBURG, P A. 17325.

IF YOU HAVD NOT RECEIVED A RESPONSE FROM THE FCC CONCERNING YOUR APPLICATION WITHIN 90 DAYS, WRITE TO THE ABOVE ADDRESS GIVING NAME/ADDRESS BIRTHDATE, PRESENT CALL SIGN ( IF ANY ), DATE OF APPLICATION, REQUEST FOR CALL SIGN CHANGE ( IF ANY ( , PURPOSE OF APPLICATION, VOLUNTEER EXAMINERS NAMES AND LOCATION OF TEST SITE.



SUPPORT YOUR CLUB..POSITIVELY

FIRST CLASS

BOB OLSTEN  
WD6DPE  
3723 ARIZONA AVE  
SANTA ROSA CA 95405

SONOMA COUNTY RADIO AMATEURS, INC.  
P. O. BOX 116, SANTA ROSA, CA.  
95402

