

SONOMA CO. RADIO AMATEURS INC.

# SHORTSKIP

Vol. 6 # 11



MERGER

SONOMA COUNTY RADIO AMATEURS, Inc.  
IN ASSOCIATION WITH  
SONOMA COUNTY AMATEUR RADIO SERVICE.

1981

CLUB OFFICERS

President Len Gerald K6ANP  
795-4335

V Pres. Lyman Wiltshire WB6SMY  
833-2000

Tres. Gary Davis WB6PMN  
528-4304

Sect. Doug Stewart N6DHT  
523-2118

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

SHORT SKIP Hank Davis W6DTV  
823-7885  
Lyle Meek, Don Bremer,  
Chod Harris, VP2ML- DX  
Watch.  
W6LFJ

Club Call Educational  
Training Alan Bloom  
Educational  
Cord. Gary Davis  
Explorer Post 599- Mike Ter Sarkisoff  
N6DBZ 823-8977  
Parts and Raffle Mgr. Lyman Wiltshire  
Club Badge Mgr. Ron Pipes-545-3813  
Club OSL Mgr. For W6LFJ--Jim Tomer

SCARS\*OFFICERS

President Geo Shedore KS6W  
528-0201

V-Pres. Lyman Wiltshire WB6SMY  
833-2000

Sect.-Pres. Jim Tomer W6CYM  
838-9464

Board. Don Osborne WA6ACX  
829-0565  
Bud Lockwood WA6UCP  
539-1579  
Chuck Sabin N6DDK  
795-2371

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

By-Laws and Const. Comm. which will be presented at November Meeting is as follows:

SCRA, Inc. N1AL, Alan Bloom- N6DDK Chuck Sabin, and Don Christensen W6DZM.  
SCARS---W6CFY Van Gross., K6xx Bob Craig.  
WB6RHP Warren Klinger

"ONEY"

SCRA, Inc. Sept. 81  
Income \$76.82  
Exp. \$131.12  
Start \$932.73  
\$878.43

SCARS'  
Checking \$278.47  
Saving \$666.14  
Total \$944.61

*Picnic Cost \$111<sup>86</sup>*

CLUB MEETING (BOTH JOINT)  
November . 81--County ECO Operations  
room 7:30PM

MARINE LAB TOUR

Dont miss this...A trip to the Marine Lab UC at Bodega Bay, November 7, 81. Tour starts there at 9:30 AM. It is a very interesting trip well worth your time. Col. Watermann is the main guide. Go thru the town of Bodega Bay. At the far end take a left turn down to the road that goes to Bodega Head. About three quarters around the Bay there is a right turn and a sign that leads to the UC Lab. Dont miss this trip.....

Well what happened last meeting??? This is heard too often. Yes some times you have to miss, but do you all of the time???? The October meeting was one a lot of people missed and they really missed a good one. After the By-Laws and Const. reading Chod Harris VP2ML our DX Watch Editor gave a Slide Talk on Easter Island, and it was the best... Now will you miss another meeting====I hope not.

Talking about missing meetings--- KA6AQS missed the last meeting and his name was called for the jack pot. Yes there was \$38.00 in the pot. Too bad I am sure he will be there next time...

NEW CALLS AROUND THE BLOCK

KA6PRK, Steve-- And our friend Irma, N6FFL

*Nov-14-Crop Walk- 2MT-FM-COMM-NEED  
Call Chuck N6DDK if you can help*

October 1, 1981

# W5YI REPORT

Dits and Bits  
NEWS ROUNDUP!

About 7 weeks return time on Amateur License if every thing on application is in order.  
KA'GIN - Kathleen and husband Curtis rowed across the Atlantic in a small row boat. Communications was by 10 and 15 CW plus a small VHF marine radio. Solar charged batteries furnished the energy for radio and navigation equipment. 49 days and 20 hours from Canary Islands to Antigua, West Indies. Vacation anyone??

PRIVATE RADIO SERVICE--A report written by Ron Stone, KA3T, and Joe Levin of the FCC Policy Development Division, this Commission working paper concludes that Digital Communications is the Mode of the future, RM-3788 is first start in Amateur Service.

CB Licenses to be thing of the Past--The US Senate approved a bill last week that would legalize unlicensed CB Radio Operation. Cost of paper work is cause.

DEED RESTRICTIONS DENY AMATEUR'S RIGHTS-- We've written on this at least twice before--but legal limitations and an amateur's rights to erect a tower are in the news again. This time is's a deed restriction. The legal name for these agreement clauses are "Covenants, Conditions and Restrictions." Practically no home can be bought today without some sort of fine print deed stipulations. Few home buyers read them and the seller apparently is not obligated to inform you of their existence. Safety First see a legal eagle and have him read it over. Their may be ways of deleting same HD.

AMATEUR SPREAD SPECTRUM NOTICE OF INQUIRY AND PROPOSED RULEMAKING RE LEASED Although adopted June 30th, the FCC just released the text of a proposed rulemaking and new Part 97 rules that will allow amateurs to participate in Spread Spectrum techniques. Stating that amateur experimentation with this new wide-band modulation technique is in harmony with the basis and purpose of the Amateur Radio Service.

NEW KID AROUND THE BLOCK-- NA6T--Robert Smith is the new SCM of the San Francisco Section ARRL. He resides in Fort Bragg, Ca. and is in the Electronics Business. VHF Designs. Robert is also a director of the FWRA a north western california repeater association. Address--P.O.Box 1425 Fort Bragg, Ca. 95437. We hope to see Robert at one of our early meetings.

The election committee is listed and working--If you can find time and believe you can offer your skills to the CLUB. This next year is a very important year and the CLUB needs all the help it can find to make it a success

SWAP	WANT	SALE
For Sale	WB7IWW	8382705---28 ft. crank up tower--Mosley Classic 36 Beam--- Roter- Ham M---\$200.00
For Sale	Am-Fm Portable	RCA\$50.00 Call W6CYM 838-9464
For Sale	Prec. Sig. Gen.	E200 with Book --BC to 40 Mc. Call Art-762.2132
For Sale	TI59 Programable Cal.	with PC100E Print Cradel (hard Copy), 3 Library Modules, \$225.00--Call Joseph Stans at 526.7949
For Sale	Scanner, Xtal Control-8 Chan.	Needs Xtals for Local Freq. \$50.00 Call Hank Davis 823.7885

Don't forget that RADIO SHACK on farmers lane santa rosa has in the past donated articles to the Club for the raffle. They have a good stock of items go buy one or two and say hello.

## CONSTITUTION AND BYLAWS

### ARTICLE I NAME

The name of this non-profit corporation shall be:

### ARTICLE II PURPOSE

The purpose of this organization shall be:

1. To promote interest in Amateur Radio and cultivate a closer fellowship among Radio Amateurs.
2. To assist fellow amateurs in the development of the radio art.
3. To bring before its members such topics and equipment as would improve their knowledge of the state of the art.
4. To provide public communications services, to lend our full support and cooperation to restoring channels of communications in time of disaster, and to offer training in emergency preparedness skills.
5. To provide better communication through all phases of Amateur operation, including radio repeaters.
6. To support, among all Amateurs, lawful and responsible conduct, as embodied in the ARRL Code of Ethics.

### ARTICLE III MEMBERSHIP

1. Any person interested in Amateur Radio and in agreement with the purpose of this organization is eligible for membership.
2. There shall be two classes of membership. Full members have full voting privileges while sponsoring members may not vote or hold office.

### ARTICLE IV OFFICERS AND BOARD OF DIRECTORS

1. The officers of this organization shall be a President, Vice President, Secretary, Treasurer, Repeater Chairman, and Activities Chairman.
2. The Board of Directors shall consist of all elected officers and one member at large. The club newsletter editor and either the Sonoma County Communications Director or the Sonoma County Emergency Services Coordinator shall be ex-officio members of the Board without vote. All elected officers and Board members must be full members of the club.
3. Chairmanship of the Board shall be decided by the seven members of the Board of Directors.
4. All officers and the at-large Board member shall be elected for one-year terms at the annual elections meeting as specified in the Bylaws.

### ARTICLE V POWERS AND DUTIES OF THE OFFICERS

1. The powers and duties of the President shall be:

- a. To preside at all general meetings of the club.
- b. To cast the deciding vote in all cases where his vote would affect the result or where the vote is by ballot.
- c. To originate correspondence in the name of the club. Where such correspondence involves policy matters, must obtain prior approval of the Board of Directors.
- d. To appoint committee members and chairmen excepting the Repeater and Activities Committees and their subcommittees.
- e. To enforce the Constitution and Bylaws.

2. The powers and duties of the Vice President shall be:

- a. To preside in the absence of the President.
- b. To read the Constitution and Bylaws in case of question or debate.
- c. To be club Parliamentarian.
- d. To maintain an inventory of all club property and ensure that said property is properly identified. This inventory shall receive a comprehensive annual review for report to the Board of Directors.

3. The powers and duties of the Secretary shall be:

- a. To keep the minutes of Board and general club meetings in a record book provided for that purpose by the club.
- b. To maintain an official, up-to-date copy of the club Constitution, Bylaws, and Articles of Incorporation. Shall ensure availability of same at all club and Board meetings.
- c. To prepare and maintain official club correspondence as required by the office or as directed by the President.
- d. To keep a current roll of members.
- e. To announce new members at each regular club meeting.

4. The powers and duties of the Treasurer shall be:

- a. To keep a record of all club funds.
- b. To read a financial statement at each regular club meeting.
- c. To present all bills for payment to the Board of Directors for approval.
- d. To make deposits and withdrawals to the treasury. All withdrawals shall be signed by the Treasurer and one other club officer except that in the Treasurer's absence, two officers' signatures shall suffice.
- e. To present all financial records to the Board annually for audit.
- f. To forward all required financial records and file all returns as required by State and Federal law.

5. The powers and duties of the Repeater Chairman shall be:

- a. To appoint the members of the Repeater Committee and its subcommittees and the repeater control and net control stations.
- b. To preside at Repeater Committee meetings.
- c. To maintain reliable Amateur repeater communications capabilities.
- d. To ensure proper control of access to repeater sites and maintain proper relations with site owners and operators.

- e. To ensure that proper technical records of repeater equipment, such as schematics, logs of changes, correspondence directly related to repeater maintenance, alignment data, and instruction manuals are maintained and kept current.
  - f. To report to the Board on all repeater matters.
  - g. To decide routine, non-policy matters pertaining to repeater operation and maintenance.
  - h. To refer all purchases of non-expendable items (as defined in the Bylaws) to the Board of Directors for approval.
  - i. Committee members shall assist in the forgoing functions as assigned or directed by the Chairman.
  - j. In the absence of the chairman, committee members, during periods of breakdown or failure, are authorized to take necessary action to ensure continued repeater operation. Under no circumstances, however, may they exceed the powers and duties of the Repeater Chairman himself.
6. The powers and duties of the Activities Chairman shall be:
- a. To appoint the members of the Activities Committee and its subcommittees.
  - b. To preside at Activities Committee meetings.
  - c. To ensure that an adequate educational and training program is maintained.
  - d. To coordinate public service activities of the club.
  - e. To promote activities that encourage good fellowship among club members.
  - f. To provide informative and entertaining presentations at club meetings.
  - g. To report to the Board on all Committee matters.
  - h. To decide routine, non-policy matters pertaining to club activities and programs.
  - i. To refer all committee expenditures to the Board of Directors for approval.
  - j. Committee members shall assist in the forgoing functions as assigned or directed by the chairman.

#### ARTICLE VI DISMISSAL OF OFFICERS AND MEMBERS

1. If at any time it is felt that an officer or director is not properly fulfilling his/her position, a special meeting of the Board shall be called by any two Board members. At that time the erring officer or director shall present his/her case and a vote shall be taken by the Board, not including the person whose case is being examined, to determine whether he/she should be removed from office. The quorum for such Board meeting shall not include the person under question. He/she shall have right of appeal to the general membership. In both the general membership and Board meetings the vote shall be by secret ballot, and a simple majority (50% plus 1) of the members present and voting shall be necessary for expulsion.
2. Should the erring officer be the Chairman of the Board, the Board shall elect an interim chairman for the Board meeting mentioned in part 1 of this article.
3. If the erring officer is dismissed, the Board shall appoint an interim officer, and the membership as a whole shall be duly notified of a special election to fill the vacant position. A period of one meeting shall elapse between such notification and the election.

4. If a member is found not to be adhering to the requirements of Article II then a majority vote by the members present will be taken to decide on his affiliation with the club. Such proceeding shall be called by the Board whenever it receives a petition requesting it signed by at least five full members. An announcement of such proceeding shall be published in the club newsletter prior to the meeting of the general membership at which the vote takes place.

#### ARTICLE VII DUES AND MEETING DATES

Dues and meeting dates shall be as prescribed in the Bylaws.

#### ARTICLE VIII RULES OF ORDER

The current edition of Robert's Rules of Order shall be the final authority on Parliamentary procedure in all club meetings.

#### ARTICLE IX CLUB PROPERTY

1. Club property shall be issued to club members as authorized by the Board.
2. Property shall be returned in the same condition as when issued.
3. All equipment shall be operated in accordance with FCC rules and regulations.
4. Specific rules regarding custody and allocation of club property may be prescribed in the Bylaws.
5. Upon dissolution of this corporation, its assets remaining after payment of all debts and liabilities shall be distributed to appropriate charities as decided by vote of the club membership at that time.

#### ARTICLE X ALLOCATION AND DISBURSEMENT OF CLUB INCOME

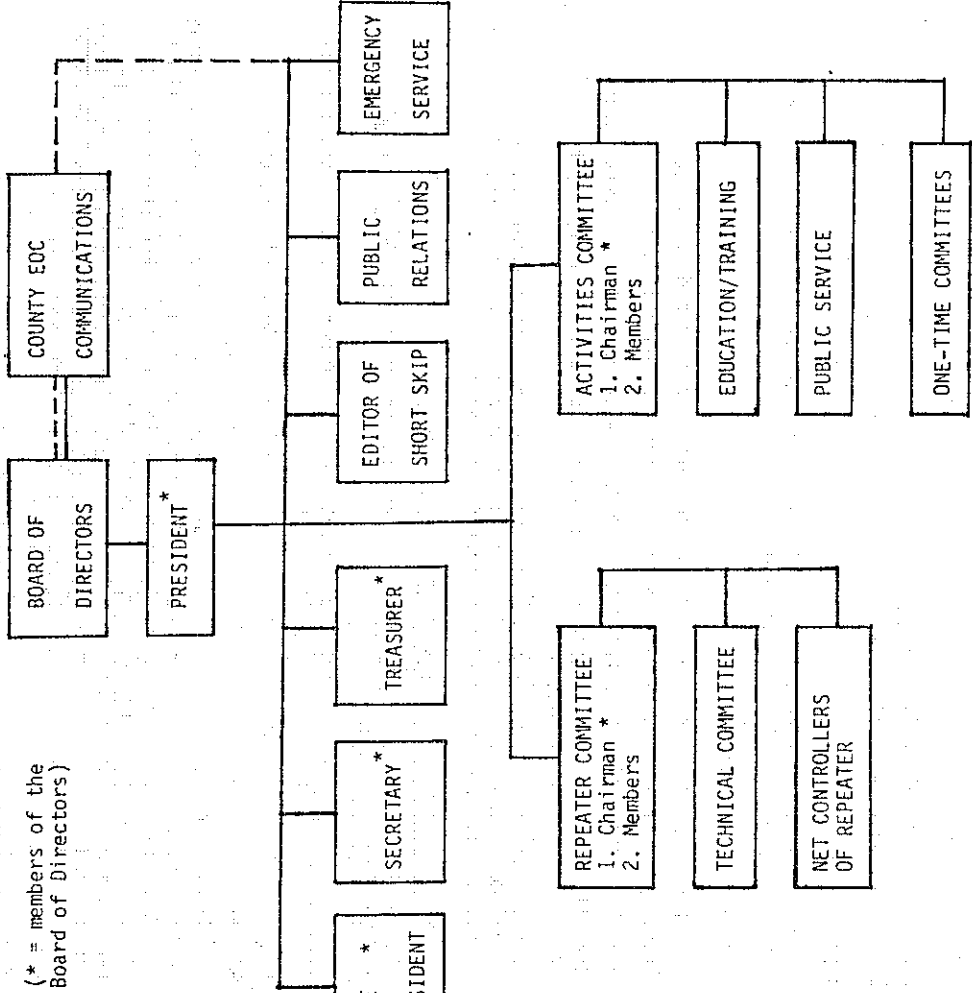
1. Club monies shall be divided into two separate accounts, the General Fund and the Repeater Fund.
2. These two funds shall be kept in separate bank (or other financial institution) accounts and maintained by the Treasurer.
3. Expenditures from either fund must be approved by the Board of Directors.
4. Repeater funds may be used only for repeater expenses.
5. 50 per cent of all club income shall go into the Repeater Fund, the rest accruing to the General Fund until the Repeater Fund reaches an upper limit as specified in the Bylaws. When this happens, no more monies go to the Repeater Fund until it falls to its maintenance limit (as specified in the Bylaws) when the 50 per cent rule will again take hold. If the Repeater Fund drops below its lower limit (as defined in the Bylaws), the Board shall take up the matter at the next Board meeting to determine remedial action. The General fund will not be used to bring the Repeater Fund up to its minimum.
6. The Board may from time to time authorize special fund-raising events with proceeds earmarked for one fund or the other.
7. Any out-of-the-ordinary repeater expenses shall be decided by the membership.

**ARTICLE XI AMENDMENTS**

1. An amendment to this Constitution may be presented at any regular meeting by any full member in a written, signed motion. Upon being seconded, the motion to amend will be recorded in the minutes by the Secretary who will then notify each member through the club newsletter of the proposed amendment. It shall then be read at the following meeting and voted on by the members present, a two-thirds majority being required for adoption.
2. A change in the Bylaws may be proposed orally at any meeting. If seconded it will be discussed by the members present. It may be approved or disapproved at the next regular meeting by the members present after prior notification in the club newsletter. A simple majority shall be necessary for approval.

**BYLAWS**

1. The dues for both full and sponsoring members shall be proposed by the Board of Directors at the first Board meeting of each year, subject to the approval of the membership at the next general meeting. Full members under 18 years of age pay one-half full membership dues.
2. The fiscal year shall begin March 1 and end on the last day of February.
3. The Repeater Fund upper, maintenance, and lower limits shall be \$2000.00, \$1600.00, and \$1000.00 respectively.
4. The regular meeting of this organization shall be held on the first Wednesday of each month at 8:00 PM unless otherwise specified by the Board and announced in the club newsletter.



5. There shall be a club net called each Tuesday evening at 7:00 PM local time on a frequency specified in the club newsletter.
6. Order shall prevail at all meetings. Members having a grievance shall take up the matter with an officer of the club who shall refer the matter to the Board of Directors for their attention and action.
7. One fourth of the voting membership shall constitute a quorum at general meetings. Four voting Directors shall constitute a quorum of the Board.
8. Membership shall be granted to anyone qualifying under Article III of the Constitution and upon payment of current dues and fees to the Treasurer.
9. Full membership is limited to licensed Amateurs. Sponsoring members may be either licensed or unlicensed.
10. The annual elections shall be held at the regular November meeting. The President shall appoint a nominating committee at the October meeting. Nominations will also be solicited from the floor. The elections shall be held by secret ballot of full members present for any office for which there is more than one candidate. New officers officially assume their duties on January 1.
11. There shall be no proxy voting or absentee ballots.
12. The President shall appoint club station trustees.
13. Both the property and financial audits shall be presented to the incoming Board prior to its installation at a joint meeting with the old Board at the December Board meeting.
14. "Expendable items" are defined as such expenses as telephone charges, repair parts, postage, shipping and handling charges and the like.

ORGANIZATIONAL CHART PROPOSED BY THE MERGER COMMITTEE  
(With proposed name changes)

## NEW CONSTITUTION AND BY LAWS

The proposed new constitution and bylaws were presented at the October meeting by the rewrite committee. The CLUB will vote on the proposal at the november meeting on Wednesday 4th. at 7:30 PM. If you have any questions and or objections, bring them up then or forever hold your peace. Meeting Place is the ECO, in Santa Rosa, Ca.

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### DX WATCH BY CHOD HARRIS

SIDS, or How I learned to Stop Worrying and Love Solar Flares. As the sunspot cycle begins to wind down, the sun tends to break away from its regular pattern, and throw out millions of tons of ionized gases at high speed. These clouds of gas (more rarified than high vacuum on Earth) occasionally collides with the Earth's upper atmosphere, with interesting results in radio propagation.

First, the sudden, explosive flare on the sun sends radiation at the speed of light past the earth. This radiation ionizes gases in our upper atmosphere increasing the density of the ionosphere. Then, a day or so later, the cloud of gases arrives, greatly increasing the ionization level. Since it is the level of ionization which determines radio propagation, we notice two stages to these solar flares.

The initial radiation enhances propagation, often dramatically. The higher bands open earlier, open to longer distances, and stay open longer than normal. But the influx of gases, in the next day or so, increases the ionization past the point of usefulness for HF radio, by absorbing radio waves. We have a radio blackout, or Sudden Ionospheric Disturbance, or SID. VHF operators and aurora watchers love SIDS, but the HF operator may find even watching TV unproductive at these times. The trick is to catch the disturbance before it reaches the blackout stage, when radio propagation is enhanced.

How do you know when this happens? If the blackout is today, the bands were hot yesterday, and you missed it. A more productive method is to catch the WWV propagation forecast, and listen to the bands daily. and schedule a non-radio activity for the day of the SID.....Chod.....:

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THE 1981 XMAS PARTY IS SET FOR DECEMBER 12 th AT THE WINDSOR MOBILE COUNTRY CLUB ESTATES, WINDSOR, CA.. PLEASE BE READY TO LET THE COMMITTEE KNOW IF YOU PLAN TO COME. INFORMATION WILL BE FORTH COMING AT THAT TIME.

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The RACES TRAINING SEMINAR held at the Santa Rosa Junior College, was a great success. Some 67 persons arrived for the meeting, Boonville was the northernmost town. Herb K6QXB, Pres Thomson, Pete Perterka, Warren WB6RHP, WB6TMS Dale, and Lyle N6BLN organizers. Instructors--Lyle N6BLN, Emergency Field Supplies, Dale WB6TMS Red Cross, Bob W6BNB Message Construction and Handling, Bob K6TP Net Controlling. Mrs Sullivan furnished the goodies. The survey will tell what you want for the future.

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### LEFT OVERS

For Sale: Techtronic 531 Scope with K3 Pre Amp, Probe and Manual. DC to 15 Mc..10 to 40 MIV per CM----\$200.00 Call Art, 762-2132

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AGAIN DON'T FORGET THE U C MARINE LAB. TRIP NOVEMBER 7 th at 9:30 AM There.

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DON'T FORGET CHUCK SABIN N6DDK and the CROP WALK 14th NOVEMBER HE NEEDS HELP

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95401

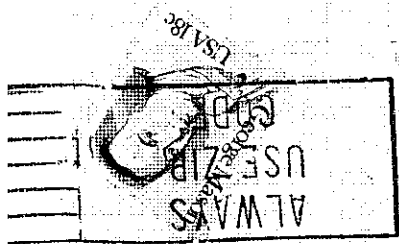
Betty & Kippie  
3411 Coffey Lane  
Santa Rosa, Ca.

CLUB CALL W1EJF

SANTA ROSA, CA. 95402

P. O. BOX 116

SONOMA COUNTY RADIO AMATEURS, Inc.



# W5YI REPORT.....

Page 8  
June 18, 1981

After Oct 23rd the FCC no longer requires you to identify the station with which you are working. You still have to identify your call at the begining and every ten minutes and the end of transmission. In third party traffic you still need to give the other stations call. Foreign traffic is a must.

FCC Chairman Fowler said that discontinuing radio control and CB licenses would save 15 workyears annually of processing and computer support plus another half a Million dollars in other costs such as postage, computer time, benefits, pay, etc.

A proposal has been made by the Co mission to increase the effective radiated power (ERP), output for Amateur Radio repeater operations in the 6 meter (52-54) 100-800watts and lowering ERP limitations for repeater operations in the 10 meter (29.5-29.7) band to 100-800 watts. Present limits have been between 25 and 100 watts ERP for 6 meters and up to 1000 watts final amplifier input for 10 meters.

METAL OF HONOR--- A metal is issued to Ron WB6NBR for his deed to nature---Ron stoped his car off the Hiway and got out and herded a Kingsnake off the road so it would not get hurt. Thanks Ron.

A VERY INSENSITIVE GUY --- Geo Wallace N6DSW of Tomales sat on a little BFF for two hours at the training class saturday and did not feel a thing. Poor BFF.