

## Sonoma County Radio Amateurs, Inc.

Club Station  
W6LFJ

P.O. Box 116  
Santa Rosa, CA 95402

Repeater Station  
WB6PVS



AFFILIATED IN 1939

VOL, 8 #9 SEPT 83

### GET WELL WARREN

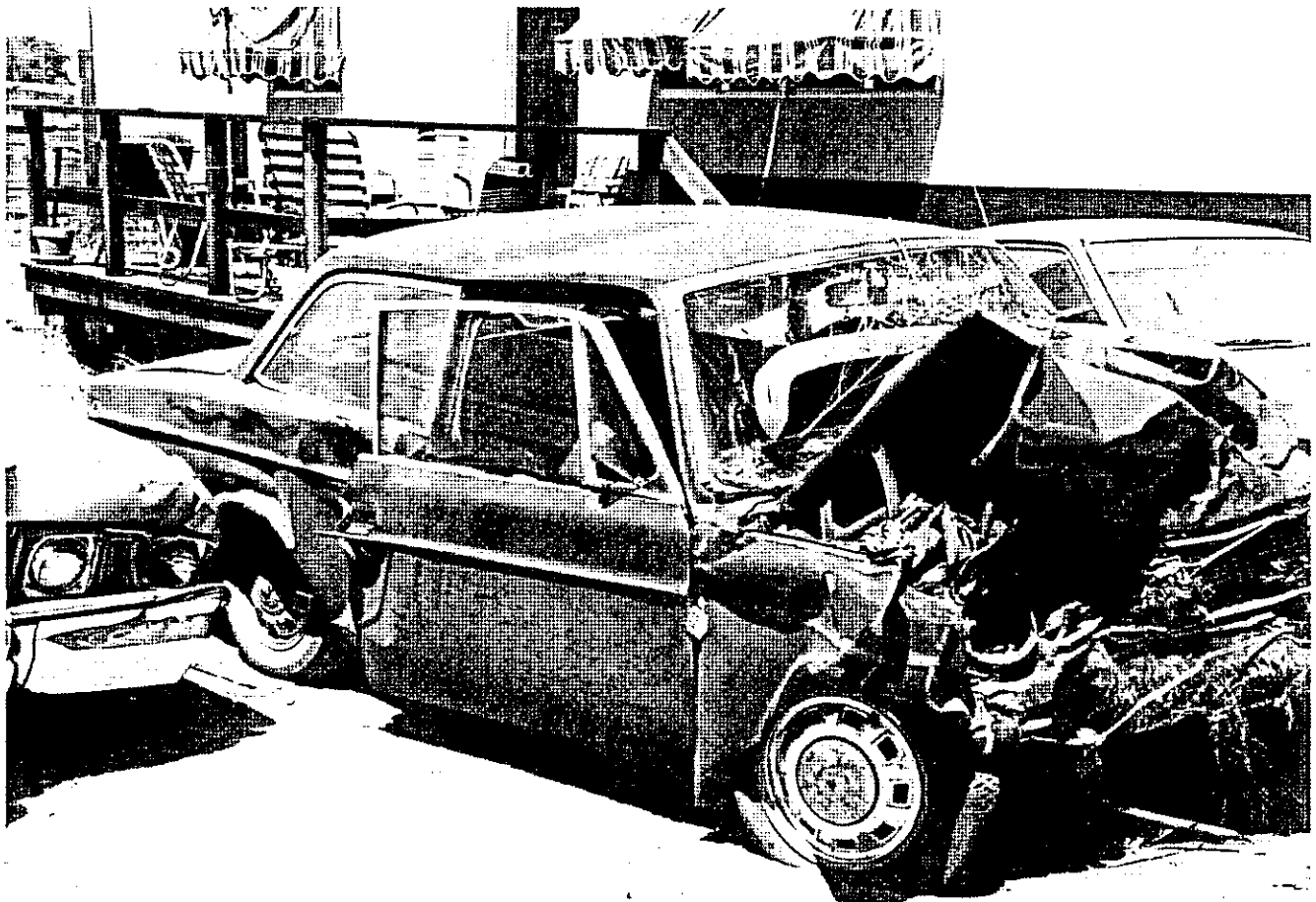
BY NOW MOST MEMBERS HAVE HEARD OF WARREN'S, WB6RHP, ACCIDENT. GOING HOME HE WAS HIT HEAD ON BY A YOUNG MAN DRIVING EAST ON RIVER ROAD.

WARREN ENDED UP WITH A BROKEN LEFT FOOT AND A LEFT ARM IN A CAST ABOVE THE ELBOW. HIS RIGHT LEG IS IN TRACTION BECAUSE OF A BROKEN HIP SOCKET.

HE HAS BEEN MOVED TO LETTERMANS HOSPITAL IN SAN FRANCISCO, WARD 8 EAST AT THIS TIME, HE HOPES TO MOVE TO NORTH WING SO HE CAN WORK HIS RADIO ON 73 OR 91.

AGAIN GET WELL VERY SOON WARREN, WE MISS YOU.

## THE AFTER LOOK



MINUTES OF THE AUGUST 1983 GENERAL MEETING  
(subject to approval at the September meeting)

The General Club meeting was held August 3, 1983 in the EOC of the County Administration Center and called to order at 7:30 pm by Al Bloom, N1AL. Minutes and treasurer's report for July were read & approved. The treasurer, WD6DXW, Bill reported a General Fund balance of \$1056.07 and the Repeater Fund of \$2021.66.

Committee reports as follows:

REPEATER: Terry, WA6RNF reported the old repeater was now repaired. The plan now is to 1) pull down the old repeater to have it completely refurbished and aligned, and 2) replace it with the new repeater and test it in the new environment. Once the refurbishment is done, the new repeater will be brought back down.

ACTIVITIES: The CDF (Calif. Dept. of Forestry) classes were reported by Al, KD6NT, to be continuing on Thurs. nights.

EDUCATION: Spence WA6IXC reported that the 3 prospective Novices have now received their calls.

Old Business:

1) The club has now received the NAME and GEOGRAPHICAL LOCATION Callbooks. If you wish to locate someone or a group of amateurs in a particular area, they are available for your use in the RACES room at the County EOC.

2) Al, N1AL requested for more volunteers for the September 17 Swap Meet and Flea Market. Specifically needed are people to man the talk-in station, the registration table, and the clean-up.

New Business:

1) WB6PMN, Gary located the original SCRA affiliation certificate dating back to 1939--we have quite a long history!

2) Gary also needs a new home for the Club's Generator, currently at his home. The "keeper" of the generator is authorized to use it periodically for maintenance purposes. (Gasoline, etc. at "keeper's" expense.) Anyone wishing to do this should call or see Al, N1AL.

3) Warren, WB6RHP is at Community Hospital, following a severe automobile accident. Stop by and say hello.

4) Lyle, K6MZ has returned home from the hospital.

The business meeting adjourned at 9:05 pm.

...-- Doug, WAOJRB, Secretary.

AND NATIONAL EMERGENCIES...

"FREQUENCY BANDS NOW AUTHORIZED FOR RACES USE IN WARTIME HAVE PROVEN INADEQUATE DURING PEACETIME DISASTERS.

IN RESPONSE TO THE DEFENSE DEPARTMENT REQUEST, THE FCC ISSUED A NOTICE OF RULE MAKING AMENDING PART 97.185 AND ASSIGNING ADDITIONAL AMATEUR (INCLUDING MOST OF THE 2-METER HAM BAND) TO BE USED FOR RACES DURING THE TIME OF "DECLARED NATIONAL EMERGENCIES". THE NEW FREQUENCIES WERE PRIMARILY IN THE VHF AND UP BANDS ALTHOUGH ADDITIONAL HF SPECTRUM WAS PROPOSED AS WELL. COMMENT DEADLINE FOR THE PROPOSAL EXTENDS TO AUG. 2 WITH REPLY COMMENTS ON/BEFORE SEPT. 1ST. ACTION BY THE COMMISSION, PR DOCKET 83-524, BY NPRM-RELEASED JUNE 3, 83.

W5YI

REPORT..JULY.....

#### HISTORIC AMATEUR SATELLITE LAUNCHED

ON JUNE 16TH OUR NEWEST AMATEUR SATELLITE, OSCAR 10, WAS BORN. OSCAR 10 IS THE FIRST IN A NEW GENERATION OF HIGH VISIBILITY LONG-ACCESS HAM SATELLITE AND THE FIRST TO BE ORBITED BY A NON-NASA ROCKET. THE PHASE 111B LAUNCH VEHICLE, THE ARIANE L6, FUNCTIONED FLAWLESSLY DEPOSITING THE QUARTER MILLION DOLLAR PLUS OSCAR 10 IN ORBIT 13 MINUTES AND 53 SECONDS LATER.

IT WILL PROVIDE UPWARDS OF 16 TO 17 HOURS OF WORLDWIDE COMMUNICATIONS PER DAY. THUS 80 PERCENT OF THE HAMS IN THE WORLD WILL HAVE ACCESS TO THIS SATELLITE FOR THE MAJOR PORTION OF EVERY DAY. THIS LOOKS LIKE THE LARGEST PILE UP EVER DEvised. THE DX BOYS SHOULD LIKE IT.

THE GENERAL BECON IS LOCATED AT 145.810. OSCAR 10 HAS TWO TRANSPONDERS (BROAD BAND REPEATERS) ON BOARD. MODE B WILL NEED AN UPLINK RANGE OF 435.025 TO 435.175 MHZ AND BE ABLE TO RECEIVE A RANGE OF 145.828 TO 145.978. MODE L WILL TRANSPONDER WILL PROVIDE 800 KHZ OF PASSBAND REQUIRING SIGNALS FOR UPLINK BETWEEN 1268.05 AND 1268.85 DOWN LINK BETWEEN 436.15 AND 436.96 MHZ. IF YOU ADD ALL THIS PASSBAND UP YOU WILL HAVE A FIGURE WIDER THAN SSB ON 80/15 METER BANDS.

TUNE INTO 3850 TUESDAYS AT 9PM CST AMSAT INTERNATIONAL NET, OR SUNDAY 21,280 MHZ 1800UTC, 14282 MHZ 1900UTC.

#### FCC FINALLY RECEIVES LICENSE FORMS

THE FCC SAID THAT THE LICENSE FORM ARRIVAL DELAY PUT THEM BEHIND ABOUT 5 WEEKS. IF YOU KNOW OF SOMEONE THAT HAS BEEN WAITING FOR FINE WEEKS OR MORE FOR THE NEW NOVICE LICENSE AND CALL SIGN, HAVE HIM CALL 717-337-1212 TO OBTAIN IT.

#### FCC WILL RULE ON NOVICE EXAMS

ON WEDNESDAY, JUNE 29, ACCORDING TO A OPEN COMMISSION MEETING AGENDA BEING CIRCULATED. WE CAN ONLY SPECULATE THAT THE FCC WILL ADOPT FINAL RULES THAT WILL ALLOW EXAMINERS TO FULLY ADMINISTER AND GRADE NOVICE CLASS AMATEUR RADIO OPERATOR EXAMINATIONS.

#### BUSINESS COMMUNICATIONS IN THE AMATEUR SERVICE.

THE FCC IS VERY CONCERNED ABOUT ABUSES OF THE PROHIBITION AGAINST THE TRANSMISSION OF BUSINESS COMMUNICATIONS IN THE AMATEUR RADIO SERVICE AND WE UNDERSTAND THAT THE COMMISSION WILL ISSUE A VERY CLEAR DIRECTIVE CONCERNING THIS. MORE NEXT MONTH.

W5YI REPORT.....AUGUST .....

OSCAR 10 TURNED OVER TO AMATEUR COMMUNITY

AS YOU READ THIS THE SATELLITE SHOULD BE FULLY OPERATIONAL ON MODE B AND CARRYING MANY QSOs.

THERE ARE TWO TRANSPONDERS ON BOARD THE SPACECRAFT. MODE B (435.025-435.175 MHZ UPLINK/145.975-145.825 DOWNLINK) AND MODE L (1269.050-1269.850 MHZ UPLINK-/436.950-436.150 MHZ DOWNLINK.) OUTPUT IS 50 WATTS PEP. HAPPY SPACE HAMMING.

THE NEXT ROUND OF AMATEUR SATELLITES (PHASE IV) WILL BE GEOSYNCHRONOUS! IMAGINE, SPACE REPEATERS OPERATING ROUND THE CLOCK! IT'S NOT FAR OFF! WOULD YOU LIKE TO BE A PART OF IT? JOIN AMSAT - THEY NEED YOUR SUPPORT!

NEW FCC PRIVATE RADIO BUREAU CHIEF

EFFECTIVE AUGUST 10TH, THE NEW HEAD OF THE PRIVATE RADIO BUREAU IS ROBERT FOOSANER, FORMER DEPUTY CHIEF OF THE PRB. JIM MCKINNEY, WHO HAS SERVED AS PRB CHIEF FOR THE PAST YEAR HAS BEEN PROMOTED TO CHIEF OF THE MASS MEDIA BUREAU, REPLACING LARRY HARRIS WHO RESIGNED.

FCC AFFIRMS ALIEN AMATEUR DECISION

THE BOTTOM LINE TO THIS ACTION IS THAT ALIENS OPERATING IN THE UNITED STATES UNDER A RECIPROCAL PERMIT HAVE THE PRIVILEGES OF THE COMPARABLE CLASS OF U.S. AMATEUR LICENSE PROVIDING THESE SAME PRIVILEGES/FREQUENCIES EXIST FOR THEIR LICENSE IN THEIR NATIVE COUNTRY. THUS, IF THE 2 METER BAND IS ONLY FROM 144-146 MHZ IN AN ALIEN'S COUNTRY, HE IS PROHIBITED FROM OPERATING IN OUR 146-148 MHZ SEGMENT OF THE BAND. AN ALIEN OPERATOR FROM AN OTHER COUNTRY WITH OUT A 220-225 MHZ AMATEUR ALLOCATION (AND THERE ARE SOME) CAN'T OPERATE IT HERE.

STS-9 SPACE FLIGHT DELAYED A MONTH

THE "HAM-IN-SPACE" STS-P MISSION IS BEING HELD UP UNTIL OCTOBER 28TH. THE DELAY IS BEING CAUSED BY THE (TELEMETRY DATA RELAY SATELLITE) THAT WAS NOT DEPLOYED PROPERLY FROM STS-6 DUE TO A KICK MOTOR FAILURE.

SAFETY ALERT--N6DOA--THE LARK--THE ELECTRON.....

TWO RECENT INCIDENTS HAVE UNCOVERED A PREVIOUSLY UNKNOWN PHENOMENON OF SERIOUS GRAVITY.

1. AT DUQUESNE ELECTRIC, A WORKER THREW AN ELECTRICAL SWITCH INTO A CLOSED POSITION WHICH PRODUCED A SHORT LIVED SPARKING.

2. AN EMPLOYEE AT UPS FLIPPED OPEN THE COLORED LENS OF HIS WELDING SHIELD TO BETTER POSITION THE WELDING ROD. HE INADVERTENTLY STRUCK THE METAL TO BE WELDED, PRODUCING AN ARC.

BOTH WERE WEARING CONTACT LENSES. ON RETURNING HOME FROM WORK, THEY REMOVED THE CONTACTS AND THE CORNEA OF THE EYE WAS REMOVED WITH THE LENS.

THE ELECTRIC ARC GENERATES MICROWAVES THAT INSTANTLY DRY UP THE FLUID BETWEEN THE EYE AND THE LENS, CAUSING THE CORNEA TO BE BONDED TO THE LENS. THIS TRAUMA IS PAINLESS AND THE INDIVIDUAL NEVER KNOWS AN INJURY HAS OCCURRED UNTIL REMOVING THE CONTACT LENS.

AS THIS PHENOMENON WAS UNKNOWN, NO FEDERAL OR STATE SAFETY AND HEALTH AGENCY HAS REGULATIONS ON THIS MATTER BUT THEY ARE PURSUING THE INVESTIGATION ZEALOUSLY AND WILL RESPOND.

IN THE MEANTIME, IT IS SUGGESTED THAT NO CONTACT LENSES BE WORN BY ANYONE WHO IS POTENTIALLY SUBJECT TO AN ELECTRICAL SPARKING SITUATION. (FROM 10-4 ALAMEDA COUNTY SHERIFFS DEPT.)

# AMATEUR RADIO FLEA MARKET and Auction

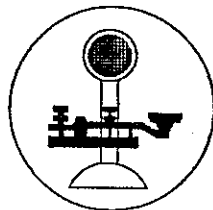
Saturday, Sept 17 9 AM - 3 PM  
Sebastopol Community Center  
390 Morris St., Sebastopol

Indoor Flea Market spaces: \$3 (\$6 with table) at door  
Spaces/tables are \$2.50/\$5 in advance (Address below)  
Vendor set-up 8 AM. TALK-IN on 146.73

Radio Clinic, Refreshments, Door Prizes ...

## FREE ADMISSION !

From Santa Rosa take Hwy 12 W. First right after Laguna bridge on E side of town.  
For Tickets and Information, write:



*Sonoma County Radio Amateurs, Inc.*

P.O. Box 116  
Santa Rosa, CA 95402



de N1AL

RUSSIAN PREFIXES

PREFIX	LOCATION	ZONE
UA1-6 UN1 UV1-6 UK2F UW1-6 UH6A, E, H, I, J, L, P, U, W X, Y	European Russia SFSR	16
UA1	Franz Josef Land	40
UA2	Kaliningradsk	15
UA9-Ø UW9-Ø UV9-Ø UK9-Ø	Asiatic Russia SFSR	17, 18, 19
UB5 UY5 UT5 UK5 - all letters except "O"	Ukraine	16
UC2 UK2A, C, I, O, S, W, L	White Russia SFSR	16
UD6 UK6D, C, K	Azerbaijan	21
UF6 UK6F, O, V	Georgia	21
UG6 UK6G	Armenia	21
UH8 UK8H	Turkoman	17
UI8 UK8A, C, D, F, G, I, L, O, T, U, Z	Uzbek	17
UJ8 UK8J, R	Tadzhik	17
UL7 UK7 all letters	Kazakh	17
UM8 UK8M, N	Kirghiz	17
UO5 UK5O	Moldavia	16
UP2 UK2P, B	Lithuania	15
UQ2 UK2Q, G	Latvia	15
UR2 UK2R, T	Estonia NGBLN	15

SWAPTACULAR SEPT 17 SELBASTOPOL COMMUNITY CENTER .....  
W6UCP...539-1579 WANTED, CONSTANT VOLTAGE TRANSFORMER SECT. 115 VOLT.  
AT 5 AMP.

W6LGQ...762-2132 FOR SALE-HQ180A GENERAL COVERAGE RECEIVER,  
RECONDITIONED, WITH BOOK-\$140.00.

N6DJR...823-6463 05 P.O.BOX 7091, COTATI 94928 FOR SALE 101F.

WA6RNF...528-6412-T4X-R4B DRAKE-FOR SALE.

N6DDK...795-2371 FOR SALE-U44-440 MOTOROLA TUBE TYPE 2 CHANNEL.

KA6HHK...542-8080 OR WA6ICX 526-1514 FOR SALE. DRAKE TWINS R4B-T4B,  
\$300.00 --WILSON 61A CRANK UP TOWER 21 TO 65 FT. SELF SUPPORT, HINGE  
OVER. KLM-KT34A TRI BANDER-4EL. HEATH REMOTE ANT SWITCH. CDE HAM 4  
ROTOR AND CONTROL CABLE-TOWER ADAPTOR.\$850.00. HEATH SWR \$10.00. SWAN  
1200X AMP. 1200W SWEEP TYPE TUBES. \$130.00.

FOR SALE..K6OHE..BOB, 539-9618..HI\_GAIN ANT. TH3 JR. TRI BANDER 10-15 20 MHZ..12FOOT  
BOOM, INSTRUCTIONS..\$75.00  
INFORMATION..AUGUST ISSUE OF CQ MAG. COMPLETE LIST OF COAX ID INFORMATION.

ARRL CONVENTION RENO.....

ITS OVER FOR ANOTHER YEAR. FROM THOSE THAT ATTENDED THE REACTIONS WERE VARIED  
FROM 1 TO 10, WITH TEN THE TOP BECAUSE THAT PERSON WON OVER \$1000.00 AT BLACK JACK.  
FOR THE REMAINDER THE NUMBERS WERE CLOSER TO 1.

I ATTENDED 3 OUT OF 6 FORUMS AND WASTED MY TIME ON 1½. THE FORUM ON RDF WAS  
VERY GOOD. THE ONE ON ANTENNAS WAS A GOOD SUBJECT BUT IT WAS READ AND WHY GO TO  
RENO WHEN YOU CAN READ ONE AT HOME.

MAYBE I AM BITTER ON CONVENTIONS. IT SEEMS A SHAME TO APEND A YEAR OR SO ON  
PLANNING BY MANY PEOPLE AND COME AWAY FEELING THIS WAY. MANY OTHERS FELT THE SAME  
WAY AND SAID THEY WOULD NOT BE THERE IN 85. THE COMMERCIAL DISPLAY WAS GOOD NOT AS  
CROWDED AS AT SANTA CRUZ.

THE BANQUET WAS OK, GOOD FOOD AND NOT CROWDED. THE PRE VIEW OF THE SHUTTLE FILM  
WAS VERY GOOD AND LOCAL HAMS ARE WORKING ON CONTACTING THE SHUTTLE PLUS PR WITH RADIO  
TV AND PAPERS.

WELL 1984 IS AT SANTA CLAREA AND AGAIN IN 1985 BACK TO RENO. DO NOT LOOK FOR ME  
THERE IN 85, SORRY. THE GRAND PRIZE WAS DRAWN ON SUNDAY THIS BOTHERED A LOT OF HAMS.

DONT FORGET THE FLEA MARKET SEPT. 17TH. ALL OF YOU CAN HELP SOME WHERE EVEN AS  
A BUYER. IF YOU PLAN TO SELL GET YOUR ORDER FOR A SPACE OR TABLE SOON AND DO NOT  
WAIT TO THE BITTER END.

THE PRESIDENTS REPORT AND THE TREASURERS REPORT WILL BE BACK NEXT MONTH BECAUSE  
OF VACATIONS.

THOSE OF YOU THAT PLAN TO GIVE NOVICE TESTS AFTER THE MONTH OF AUGUST THE CLUB  
HAS PRINTED ALL THE FCC QUESTIONS THAT WILL BE USED AND YOU MAY GET SAME FROM THE SEC  
AT A CLUB MEETING OR SEND A SASE TO THE CLUB ADDRESS FOR SAME.

I WISH TO THANK CONNIE N6FYV FOR WARRENS PICTURE. I NEARLY GOT A CEMENT SHOE  
BECAUSE I MISPLACED THE NEGATIVE. BOY WAS I GLAD I FOUND THEM. THANKS AGAIN CONNIE.

SEPTEMBER 17, 83-----SCAR, INC. FLEA MARKET SEBASTOPOL COMMUNITY CENTER, 390 MORRISST.

FIRST CLASS

HOPPY BRAVIN  
WD6CKP  
3411 COFFEY LANE  
SANTA ROSA CA 95401

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

