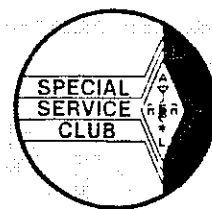


# SHORT SKIP



Sonoma County Radio Amateurs, Inc.

Club Station

P.O. Box 116

Repeater Station

AUGUST 1985

W6LFJ

Santa Rosa, CA 95402

WB6PVS

VOL 10 NR. 8

## THIRD ANNUAL -- SCRA FLEA MARKET

Sept. 21, 1985

SEBASTOPOL COMMUNITY CENTER

390 MORRIS ST., SEBASTOPOL, CA

GOOD NEWS: Both the parking lot and street are paved this year -- All-Terrain Vehicles no longer required! The Center has a new hardwood floor and looks very nice.

NEWSLETTER EDITORS! Please publicize our flea market in your next issue!

VENDORS! This promises to be our biggest and best swapfest ever! Although we have room for about 55 spaces indoors, we are likely to run out, so if you don't want to end up in the parking lot, reserve your table early: \$5.00 in advance (\$6.00 at the door.)

### EVENTS:

- Auction (around noon)
- VEC Exams
- Radio clinic (Test out your HT!)
- CW Contest
- Old-time radio exhibit
- Packet Radio demo
- ARRL display and Ham Radio video.
- Meet our Pacific Div. Director and San Francisco Section Manager.

### DIRECTIONS:

Take Hiway 101 to Santa Rosa and turn west onto Hiway 12. Sebastopol is about 10 miles. Watch for the Community Center and Flea Market signs. (You turn right on Morris St just as you cross the Sebastopol city line.)

Flea Market Chairman:

Al Bloom N1AL  
1578 Los Alamos Rd  
Santa Rosa, CA 95405  
(Eves) 707-538-7115

## ARRL-VEC FCC EXAMS

Sept. 21, 1985

SEBASTOPOL COMMUNITY CENTER

390 MORRIS ST., SEBASTOPOL, CA

Plan to arrive 15 minutes early:

TIMES:	Code	Written
8:00-9:30	20 WPM	4B (EXTRA)
9:40-11:10	13 WPM	3 (GENERAL)
11:30-2:30	WRITTEN TESTS ONLY	

Applications MAILED IN ADVANCE of test day get a reserved seat. Send a completed FCC 610 form, a photocopy of license if any, and a \$4.00 check made out to "ARRL/VEC".

WALK-IN applicants will be accommodated on a space-available basis (25 seats total available).

A VE table will be located near the entrance with 610 forms. Be sure to BRING YOUR ORIGINAL LICENSE and code credit certificate if any. If not pre-registered, bring check-book & photocopy of your license. HANDICAPPED: bring a physician's statement stating the nature of your disability if special test procedures are required, and call W6DTV to make arrangements.

WE ALSO NEED ID: Calif driver's license or other photographic ID or two of the following: non-photo ID, birth certificate, postmarked envelope mailed to you, minor work permit, school report card, passport.

Other items to bring: #2 lead pencil(s), ink pen, calculator (programmable is OK, if erased.)

As your turn comes for the test you will be called on the PA system. This year tests will be conducted in the Flea Market building.

Send applications to:  
Hank Davis W6DTV  
7822 Washington Ave.  
Sebastopol, CA 95472  
707-823-7885

# AMATEUR RADIO FLEA MARKET and Auction

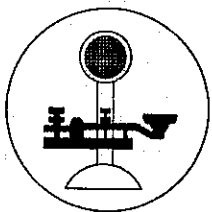
Saturday, Sept 21 8 AM - 2 PM  
Sebastopol Community Center  
390 Morris St., Sebastopol

Indoor Flea Market tables: \$6 at door, \$5 in advance  
Vendor set-up 7 AM. TALK-IN on 146.73

Radio Clinic, Refreshments, Door Prizes ...  
F.C.C. EXAMS

## 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



--SONOMA COUNTY RADIO AMATEURS, INC--

FIELD DAY RESULTS

-----1985 OFFICERS-----

PRESIDENT: Chuck Sabin N6DDK 795-2371  
 VICE PRES: Bob Olsten WD6DPE 546-5593  
 SECRETARY: Brian Torr N6IIY 865-2234  
 TREASURER: Rudy Mappus N6KLU 664-1978  
 ACTIVITIES: Bob Phillips KB6EOC 542-5209  
 REPEATERS: Jim Boyett WB6UBA 544-7943  
 MBR-AT-LRG: Geo. Shedore KS6W 528-0201

Well, everybody seemed to have a good time. The Two Rock site was perfect. We are writing to the Coast Guard to express our appreciation. We had some rig problems on 20 meters, but otherwise rigs, antennas, generator and operators all seemed to work out fine. The lack of cross-band QRM using KE6WL's filters made operating a real pleasure.

SHORT SKIP: Alan Bloom N1AL e:538-7115  
 1578 Los Alamos Rd SR 95405 d:577-3981  
 SWAP SHOP: Hank Davis W6DTV 823-7885  
 RACES LIAS: Jim Boyett WB6UBA 544-7943  
 ARRL LIAS: Alan Bloom N1AL 838-4524  
 ASST. DIR: Chuck Sabin N6DDK 795-2371  
 PUB. RLATN: Kathi Boyett WB6UAZ 544-7943

About 25 club members showed up and about 12-15 operated. Thanks to Gene W2EBG for the arrangements and to all the other club members who helped out.

-----ACTIVITIES COMMITTEE-----

CHAIRMAN: Bob Phillips KB6EOC 542-5209  
 REFRESHMENTS AT MEETINGS: Bob WD6DPE  
 GREETER AT MTGS: May Kobold N6GZV  
 RAFFLE: Lyman WB6SMY, N6GZV, Terry WA6RNF  
 DSL MANAGER: Doug Bender WA0JRB  
 EDUCATION: George KS6W & Jim WB6UBA  
 VOL. EXAMS: W6DTV WA6ACX N6BLN KF6FX  
 KG6GB WA0JRB WB6UBA

Final results courtesy WA8LLY:

	QSOs	POINTS
Novice:	6 x 2	= 12
80 CW:	123 x 2	= 246
80 Phone:		111
40 CW:	91 x 2	= 182
40 Phone:		232
20 CW:	121 x 2	= 242
20 Phone:		64
15 Phone:		4
2 Phone:		8
		<u>1101</u>

PROGRAM CHAIRMAN: --OPEN--  
 HIDDEN XMTR HUNTS: Don Osborne WA6ACX  
 XMAS PRTY: N6GZV, WB6UAZ  
 WALKATHONS: N6KLU, N6KUS, N6GZU, N6GZV  
 FLEA MARKET CHAIRMAN: N1AL 538-7885

-----REPEATER COMMITTEE-----

CHAIRMAN: Jim Boyett WB6UBA 544-7943  
 Alan Bloom N1AL Terry Laduke WA6RNF  
 Bob Olsten WD6DPE Brian Kotzian KE6WL  
 Joppy Bravin WD6CKP (Westlink b'cast)

Low power multiplier:	<u>x 2</u>	2202
Bonus Points:		
100% Emer Pwr, 3 Xmtr:		300
Publicity:		100
Message to Sect. Mgr.:		100
Natural Power QSO's:		100
WIAW Message received:		<u>100</u>
TOTAL:		<u>2902</u>

CLUB MEETINGS

7:30 PM 1st Wed of every month at the  
 Emergency Operations Center (EOC).  
 NEXT CLUB MEETING: August 7, 1985

PROGRAM: VP2ML Christmas Island slides

Meetings are open to all, member or not. Need not be licensed to join. Full voting membership is available to licensed Amateurs only. Dues are \$12.00 per year. First-time members also pay an \$8.00 initiation fee.

The score was slightly lower than last year's due to the non-existent propagation on 15 and 10.

S <-- Highway 101  
 |  
 | Co. |  
 | Court | EOC |  
 | House |  
 | Ventura Ave |  
 |  
 | Mendocino Ave. |

RADIO SHACK

Store Nr. 3855

Zane Bates, Manager

510 Farmers Lane Telephone  
 Santa Rosa, CA 95405 546-8423

## MINUTES OF THE GENERAL MEETING OF SCRA JULY 3, 1985

The July meeting of the Sonoma County Radio Amateurs, Inc. was called to order by President Chuck Sabin N6DDK at 7:29 PM.

One visitor, John Rose, introduced himself. He is just getting started in ham radio. A new member, Howard Glandon KB6AAD, was also introduced. This was his first club meeting.

MINUTES: A correction to the minutes was made: Barry Hirsch KB6HVP and Ken Harrison KB6HVO have both upgraded to TECHNICIAN, not to GENERAL. It was moved and seconded that the corrected minutes be accepted. The club voted unanimously to accept the minutes.

TREASURER'S REPORT: The following Treasurer's Report was given:

	GENERAL FUND	REPEATER FUND
Beginning Balance:	1594.59	1867.49
Receipts:	123.95	0.00
Payments:	166.39	0.00
Ending Balance:	1552.05	1867.49

It was moved, seconded and voted on by the membership to accept the Treasurer's report as read.

BADGES: Hank W6DTV reported that our two new members should receive their badges within the month.

QSL: Doug WA0JRB had nothing to report.

PUBLIC RELATIONS: Kathi WB6UAZ reported that the club meeting was announced in both the News Herald and the Press Democrat. The Press Democrat ran an article about Field Day before Field Day weekend. The Argus Courier had a front-page photo and a nice article about our Field Day exercise.

A person in Cloverdale wants to get into Ham Radio and is looking for an Elmer. He can go as far south as Healdsburg. If anyone can help, contact Kathi.

REPEATER: Jim WB6UBA reported that the repeater appears to be doing OK. We are waiting to receive the new machine.

EDUCATION: Jim WB6UBA will teach the upgrade class which is starting shortly. The class will meet every Monday at the EOC. Hank W6DTV and Don WA6ACX will teach a novice class at Hank's home in Sebastopol starting about a month from now. The novice class cannot be too big.

ACTIVITIES: Gene W2EBG was not present to report on Field Day, but Chuck N6DDK thought that the exercise went very well. He wishes we had more people there, however. The final score has not yet been tallied.

Al N1AL made a motion to purchase adapters and cables to use with the filters built for Field Day. The motion was seconded and voted on by the club. It was passed unanimously.

ENTERTAINMENT: There is still no Entertainment Chairman. Volunteers are welcome.

RACES: Jim WB6UBA had nothing to report.

OLD BUSINESS: Nothing to discuss.

NEW BUSINESS:

BOARD MEMBER-AT-LARGE: Lyle N6BLN has announced his resignation as Board Member at Large. He will stay on until a replacement can be found. He hopes the replacement will be found before the next elections.

HAM IN SPACE MISSION: The space shuttle (15F) amateur radio plans were announced. Details are available from ARRL. The mission will talk exclusively with clubs and youth groups. Modes of operation will be SSB, SSTV and FM.

FLEA MARKET: Al N1AL sent around a sign-up sheet for jobs which will need to be done for the September Flea Market. He has flyers to leave at any other flea market they might attend.

POT LUCK: There will be a Pot Luck Dinner at Casini's Campground on July 27. Bring your own table service.

EQUIPMENT FOR SALE: Hank W6DTV has an HW-101 with power supply and SWR bridge for \$200. He will sell the HW-101 and Power Supply for \$150.

ATTENDANCE RAFFLE: Frank Gleason lost the attendance raffle of \$29.30.

The meeting was adjourned at 8:25 PM.

Brian D. Torr N6IIY, Secretary, SCRA

TREASURER'S REPORT JUNE 1985:

BEGINNING BALANCE:	1594.59	PAYMENTS:	
RECEIPTS:		Raffle Expenses	19.74
Membership Dues	88.00	Badges	6.36
Coffee & Donuts	11.85	Coffee & Donuts	18.74
Raffle Income	24.00	Westlink	11.23
	123.85	Field Day Expenses	100.00
		Treasurer's Expenses	10.32
ENDING BALANCE:	1552.05		166.39

REPEATER FUND: No Activity. Beginning = Ending Balance = 1867.49

NEW MEMBER-AT-LARGE

We regretfully accept the resignation of Lyle N6BLN as Board Member-at-Large with thanks for his efforts in the time served.

George KS6W has agreed to be appointed to finish the term. A supplementary election will be held at the next club meeting to confirm.

NOVICE CLASSES!

George KS6W will be starting a Novice class Sept. 5. Classes will be Thursday nights 7-9 PM at the Emergency Operations Center (where club meetings are). There will be a charge of about \$5. Call George at 528-0201 to make arrangements.

## N - E - W - S of Amateur Radio

THE SPACE SHUTTLE GOES UP JULY 29 at 1923 UTC. Ham operation uses 1 of 5 operating modes: Mode 1 (main mode) is automatic SSTV downlink; no Earth signals to be received. Mode 2 is 2-way QSOs with designated ham clubs and youth groups. Mode 3 is unrestricted 2-way's similar to the last mission. Mode 4 is unattended auto-receive SSTV, and Mode 5 is special skeds the astronauts have requested. 145.55 MHz is for downlink only; don't transmit here! Uplink: 144.97, 145.03, 145.63, 145.69. (Westlink)

SPORADIC S-SKIP? The "S" stands for space shuttle. An on-board electron generator will attempt to create artificial ionization as the shuttle passes NW of SF moving toward LA. Propagation should be enhanced for about 10 min starting 0511 UTC July 31. Attempt backscatter QSO's by beaming NW as the spacecraft approaches using 15 or 20 M. Send reports (negative or positive) to experiment director Brian Gilchrist KF6ON or Jack Troster W6ISQ. (W1AW)

MODE-L APPROVED. Amateurs above Novice class may now use 1269.05-1269.85 for the Oscar 10 Mode-L uplink effective immediately. The original limitation to Extra class only has been corrected. (ARRL)

VECs COULD DESIGN THEIR OWN QUESTION pools (FCC docket 85-196). The lists must include at least 10 times the number of questions on a test and would have to be published. Comment deadline August 30. (ARRL)

THE ARRL BOARD OF DIRECTORS at their meeting July 25: Took actions to increase membership by young people, including a new ARRL membership rate for youths: \$6.25 under 13 years, and \$12.50 under 18. ARRL filing on Repeater Docket 85-22 emphasizes: preferred status for coordinated repeaters, but not to make it mandatory, and local/regional (not national) coordination. FCC should retain responsibility for exam questions, not VEC's. (W1AW)

THE NEW 24 MHZ BANDPLAN approved by the ARRL Board of Directors: (W1AW)  
 24.890-24.920 CW only  
 24.920-24.930 CW & Digital  
 24.930-24.990 CW, Phone & SSTV

ARRL COMMENTS ON AUTOMATIC CONTROL, docket 85-105 propose to drop the blanket prohibition of third-party traffic. They claim the potential for abuse by unlicensed individuals exists only at the point where the traffic is introduced into the amateur radio medium. A control op should be required only at this point of entry. ARRL also wants automatic control for digital modes only, not all as FCC proposed. (ARRL)

AUXILIARY LINKS ON ALL FREQUENCIES? FCC has proposed to allow auxiliary operation (now limited to freqs above 220.5 MHz) on all amateur bands except 431-433 and 435-438 MHz. Docket 85-105 comment deadline is Sept 24, 1985. (ARRL)

THE ARRL NOVICE PROPOSAL (July Short Skip) was assigned RM 5038. Comments due July 26. ARRL will amend the proposal to maintain present Novice power limits below 28 MHz. A new petition will be filed to require 2 General (or higher) hams to administer the Novice exam. (ARRL/W1AW)

FCC MOVES TO REDUCE CABLE TV LEAKS. Cable operators are required to file annual and quarterly leakage reports with FCC. Implementation has been delayed for 5 years to give cable engineers time to develop testing procedures and educate management of its importance. Also, FCC said it would judge leaks based on average, rather than peak power. (W5YI)

BROADCASTERS MAY NOW RE-TRANSMIT amateur transmissions in a new Report and Order on Docket 79-47 by the FCC. They do not need to get our permission first. However Amateurs may not act as "pseudo reporters" (traffic reports, weather watch, etc.) except under emergency conditions. (Westlink)

THE 1986 ARRL NATIONAL CONVENTION will be held in San Diego Sept 5, 6 and 7. The sponsor, the San Diego Amateur Radio Council, is already in the midst of planning. (Westlink)

FIRES IN CALIFORNIA have made extensive use of amateurs with much H&W traffic going by packet radio. Hams at the Wheeler Canyon fire in Southern CA were pressed into service to supplement the single phone at the western fire camp. Everything from bulldozers & strike teams to chewing gum was ordered through the amateur circuit. A front page story in the Santa Barbara News Press and a several minute spot on KEYT TV news publicized the amateurs' efforts. (Westlink)

ARRL'S ADVANCED CLASS LICENSE MANUAL has been sent to the printers as has the 4th edition of the FCC Rule Book. Both books should be available by the time you read this. (ARRL)

THE NUMBER OF AMATEUR EXAMS GIVEN reached a record high for the fourth month in a row in May. 4925 applicants took 7436 exam elements. Average pass rate was 55.9%. (W5YI)

THE 30-DAY WAITING PERIOD may be waived by a VEC for "any good reason" such as: that tests were available in an area in less than the required 30 days... for example 25 days. Waiver requires a letter from the applicant attached to the 810 form stating the reason for the waiver. (W5YI)

CALLSIGNS ISSUED (as of July 1):

GROUP A (EXTRA)	GROUP B (ADV)	GROUP C (TEC/GEN)	GROUP D (NOVICE)
WJ6I	KG6VD	N6MGK	KB6JIK

Thanks to the following for permission to reprint: The ARRL Letter, W1AW bulletins, W5YI Report, Westlink Report.

### SAM VAN LFTW N6NL 1898-1985

Sam, a past club member, passed away Sat. July 20 at the age of 87.

Services were held at 2 PM July 24 at Pleasant Hill Chapel, in Sebastopol. Pallbearers were Len Gerald K6ANP, Lyle Meek N6BLN, Hank Davis W6DTV, Rudy Mappus N6KLU, Don Bremer KB6LO, and Claude Cole W6YTC.

Sam was past President of the SF Radio Club and one that helped to reorganize the club after WW II. He helped W6AM to learn the code as a high school student. He designed a variable rotary spark gap using his Mother's kitchen water faucet. His unfinished project was a linear amp. He was top man for many years in the NTS network. Rest in peace, Sam.

-- Hank W6DTV

### T - E - C - H N - E - W - S

MACINTOSH PACKET PREPROCESSOR. Brincomm Technology, 19451 Gulf Blvd #503, Indian Rocks Beach, FL 33535 has developed "MacPacket/TAPRterm", a program that integrates your Mac and TAPR INC. It features split-screen display, pull-down menus, file up/downloading, and a routing file so you don't have to remember the calls of every digipeater to connect to someone. (Gateway)

BINARY TRANSFER PROTOCOLS Jack Brindle WA4FIB author of the Mac-Packet Software mentioned above has developed a Level 4 (transport) and 5 (session) protocol. The use of true sessions will allow multiple connections when improved link and network Layer software becomes available. Even now, the program allows some multiple functions like the ability to transfer a file and hold a conversation simultaneously. Simpler binary transfer protocols have been implemented by WA6LZO and K7PYK. Details in June QEX.

STANDARD TAPR INC OPERATES ON 12V with W8WGA's simple modification in June QEX magazine. It uses a Power General dc-to-dc converter chip wired into the experimental "patch area" on the main pc board.

Thanks to ARRL's QEX and Gateway magazines for permission to reprint.

## THE LOWER POWERED HAMS ON TOUR

Well they are at it again. That controversial group of active club members took a vacation. N6FAX Sarah and W6DTV Hank, under a cover of fog, left town first traveling to McCloud, CA via Mt. Lassen, Hat Creek, Burney State Park, and on to a family reunion for Sarah.

Another pair KF6FX Irma and WA6ACX Don left late after work going another direction. They camped the first night in Lake County. The next day on to Mt. Lassen via the south road, Hwy 36, staying the second night at Cave Camp. While that close, they walked through the lava tube which is a 400 ft. walk under ground. On the trip over the mountain, Don talked to N6QP via the '73 repeater. The next day on to McCloud and a meeting with the first two and some help from the Dunsmuir '82 repeater. On to the wilderness area. The four wandering souls left McCloud and headed to Gazelle Mt. Road into the Scott Valley (4921'). At Callahan we stopped at the local bar for cold drinks and to play the nickleodeon. On to Etna, (Sarah's home area), Ft. Jones and down the Scott River where we stopped at Indian Scotty's forest camp.

We found a nice camp spot about 15 miles from the Klamath River. While Don, Irma and Sarah went to the river to swim, Hank put up the Handy Dandy Dipole and that night we had contact with the gang back home.

Next day, on down the river to the Klamath, but we stopped at Scott's Bar (a town) to look at some old placer MINING SCARS [no pun intended] and a bridge going to who knows where. Back into the cars and nothing would work, nothing. Don and Hank got together and found that the positive terminal of the battery had broken and was not making any contact. Five miles down the road to find a country store that had everything anyone would want plus time and we were back on the road.

On to Orleans Bar (another town) where we stayed overnight. Again the H. D. Dipole and another fine contact with the gang back home. Here we had the first showers of the trip, and we went into the building one at a time, and boy did it feel fine. Lots of sand went down the drain.

On down the road and at Weitchpec we left the Klamath River and followed the Trinity for awhile. At Willow Creek we headed for Arcata and a KOA camp of 166 spaces. Radio contact was not so good -- N6DSW was the only one on. We could not use the HD Dipole as no trees tall enough. Next day we visited Scotia, a large sawmill and lumber factory. A visit well worth an hour or two of time. Later the Clark Museum which has a fine display of period material and a very fine Indian display.

Saturday the other half of the lower powered hams arrived, and after setting up camp, the group visited old town Eureka, Carson Mansion, Ferndale and the many wonderful old Victorian homes there. Oh yes, Saturday nite was spent over at Sonoma Cook House and a fine dinner. Later the group visited a ham and his wife in Arcata. The wife had taken her license the same time as Irma at the FCC and her name was Irma also. N6BLN and Pam N6MHU, WA0JRB and Pam, making the group nearly complete. (Mike and Karen and George were not there.)

Let's hear from other groups in the large club and what do you do outside of the club meetings? It should be interesting. -- Hank W6DTV

-----  
 THE "LOWER POWERED HAMS" STRIKE AGAIN, or 1985 FIELD DAY IS HERE:

As sure as death and taxes, Field Day 85 arrived June 22 1985, right on time. The "LPH" group found another fine place through the help of Lyle N6BLN: about 6 miles E of Cloverdale at an altitude of about 2000'.

12 persons (11 hams) caravanned to the location with a stop over at Healdsburg for supper where Sarah got a surprise Birthday cake.

We operated N6BLN/6 with two xmtrs plus Novice (N6FAX) for 784 QSO's. Saturday nite Lyle BB-Q'ed and as usual the food was tops. -- W6DTV



## EVENTS CALENDAR:

## AUGUST:

- Aug 2/3 - VEC Exams: Pleasant Hills  
WD6G Guy Corynen 415-837-3080
- Aug 3/4 - UHF Contest
- Aug 5 - RACES Nets, 7PM/7:30 PM
- Aug 7 - Club meeting EOC 7:30 PM
- Aug 9/11 - ARRL SW Div. Convention  
(Long Beach, CA)
- Aug 11 - VDM (Sonoma) Flea Market
- Aug 19 - RACES Nets, 7PM/7:30 PM
- Aug 24 - SCRA Picnic

## SEPTEMBER:

- Sep 2 - RACES Nets, 7PM/7:30 PM
- Sep 4 - Club meeting EOC 7:30 PM
- Sep 14/15 - VHF QSO Party
- Sep 16 - RACES Nets, 7PM/7:30 PM
- Sep 21 - SCRA Flea Market  
- VEC Exams: Sebastopol  
W6DTV Hank Davis 823-7885
- Sep 28 - VEC Exams: Marin County  
N6AQY Nels Lecklikner 415-897-8950

## OCTOBER:

- Oct 4/6 - ARRL National Convention  
(Louisville, KY)
- Oct 5/6 - ARRL QSO Party, CW
- Oct 7 - Club meeting EOC 7:30 PM
- Oct 7 - RACES Nets, 7PM/7:30 PM
- Oct 12/13 - ARRL QST Party, Phone
- Oct 19 - VEC Exams: Monterey  
KA6VSE Keith Beard 408-649-876
- Oct 19/20 - Simulated Emergency Test
- Oct 21 - RACES Nets, 7PM/7:30 PM

## NOVEMBER:

- Nov 2 - VEC Exams: Pleasant Hills  
WD6G Guy Corynen 415-837-3080
- Nov 2/3 - Sweepstakes, CW
- Nov 4 - RACES Nets, 7PM/7:30 PM
- Nov 6 - Club meeting EOC 7:30 PM
- Nov 16/17 - Sweepstakes, Phone
- Nov 18 - RACES Nets, 7PM/7:30 PM

## DECEMBER:

- Dec 2 - RACES Nets, 7PM/7:30 PM
- Dec 7 - SCRA Christmas Party
- Dec 7/8 - 160 Meter Contest
- Dec 14/15 - 10 Meter Contest
- Dec 16 - RACES Nets, 7PM/7:30 PM

## 1986:

- Jun 28/29 - Field Day
- Sep 20 - SCRA Flea Market

## WIAW SCHEDULE:

Code Practice: MWF TTSS  
5/7.5/10/13/15wpm: 6AM/4PM 1PM/7PM  
35 through 10 wpm: 1PM/7PM 6AM\*/4PM

CW Bulletins: Daily 7AM\*/2PM/5PM/8PM  
RTTY Bulletins: Dly 8AM\*/3PM/6PM/9PM  
Voice Bulletins: Daily 6:30PM/9:30PM

\*(No transmissions Sat/Sun mornings)

## FREQUENCIES:

CW: 1.818, 3.58, 7.08, 14.07, 21.08  
28.08, 50.08, 147.555 MHz  
RTTY: 3.625, 7.095, 14.095, 21.095  
28.095, 147.555 MHz  
VOICE: 1.89, 3.99, 7.29, 14.29, 21.39  
28.59, 50.19, 147.555 MHz

All transmissions beamed West except  
20/15/10 meters MWF 6AM-2PM beamed  
to Europe and Wed 3PM beamed South.

## NEW MEMBERS SINCE JULY:

George Shedore KS6W  
2047 Bluebell Dr.  
Santa Rosa, CA 95401

Ray Clary Jr. WB6ACJ  
1728 Reifling  
Lodi, CA 95240

Raymond Clary Sr. WA6BHX  
2125 E. Foothill Dr.  
Santa Rosa, CA 95404

## FREE HF TRANSCEIVER!

As of June 6, the leading "large" (over 75 members) ARRL-affiliated club in the "Club Challenge" contest was the West Coast ARC with 14 total new ARRL members recruited. Heck, we can get more than that at the Sept. Flea Market alone! The winning club in each size category wins an HF transceiver (Icom IC735, Heath HW5400 or Kenwood TS430). Not only that, but the club gets \$5.00 for each new member recruited, \$2.00 for each renewal. Applications available at club meetings. Let's go for it!!

----- HANK'S SWAP SHOP -----  
 Hank Davis W6DTV 7822 Washington Ave  
 Sebastopol, CA 95472 823-7885  
 (Noncommercial ham ads printed free)

TEN TEC 4229 1.8-30 MHz 2kW antenna  
 tuner \$149. Bob 539-0316.  
 SSB MIC and PTT stand \$25. Hoppy  
 Sr. 823-7182.

HW202 5 channels loaded \$50.  
 HW101 w/ power supply \$150.  
 HM2140 SWR meter \$50.  
 REALISTIC DX160 Rcvr/spkr \$30.  
 HEATH HW22A Mono-bander  
 Low-Pass Filters, 1000W, 100W  
 Freq Counter 1Hz-30 MHz  
 HEATH Sig Gen, VTVM, Grid Dip Osc  
 CENTRAL ELECTRONICS Multiphasic  
 HEATH HW22A mono-band DX150A Rcvr  
 SWAN CYGNET 270B TEMPO ONE  
 EICO 460 Scope \$20. Hank 823-7885.

2 MTR Transceiver w/xtals for 73 &  
 91. TWO 3-500Z, 45' crank-up tower  
 with beam. Call Geo KS6W 528-0201.  
 2 MTR HT non-xtal, 2 MTR mag mount  
 antenna. Call N6MHH Barry on '73.  
 CUSHCRAFT ATV5 80-10M Vertical. \$50.  
 DENTRON Big Dummy 1000W \$20 w/oil.  
 Phone Geo. N6DSW 878-2394.

REEL-TO-REEL tape recorder with  
 extra tapes \$50. Dick 528-7500.  
 CUSHCRAFT 18ATV vertical \$50. Geo  
 878-2394 or on 73 repeater.

Don't forget the SCRAP CLUB PICNIC  
 Sat. Aug 24, 10AM-?? at Doyle Park.  
 The club provides soft drinks and  
 charcoal for the grill. BYOB. Each  
 family brings its own meat + 1 other  
 dish for the potluck. This is our  
 annual non-radio event for the whole  
 family to enjoy. Come all! - KD6GC

Sonoma County Radio Amateurs, Inc.  
 PO Box 116  
 Santa Rosa, CA 95402

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