

SIERRA FOOTHILLS AMATEUR RADIO CLUB



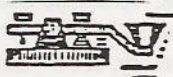
NEWSLETTER

Volume XXXIV Number 9

September 1993

P.O. Box 3262 Auburn, California 95604

At the Key



PRESIDENT

KC6LIX
Jan Huttula
786-3530

Club's Nets:

All Welcome to Check In!

Wednesdays 7:30 p.m. 10M
On/Close to 28.415 Mhz

VICE PRES.

AB60P
Jim Lomax
334-4887

Thursdays 7:30 p.m. 2 M
2 M/220 K6ARR & Club
Repeater 2 M 145.430
(-600 KHz PL: 94.8) and 220
223.860 (-1.6 MHz)

SECRETARY

KC6VGF
Scott Swanson
823-7209

Club Meetings: Second Friday
Each Month 7:30 p.m. Auburn
Fire Station, 226 Sacramento St.
Auburn, CA

TREASURER

KC6VGE
Jeannine Swanson
823-7209

Board of Directors Meeting
Fourth Fri. after Club Meeting
7:00 - 8:45 p.m., Denney's
Restaurant, Newcastle, CA
Newcastle Exit. Watch for
Exceptions

DIRECTORS

Bill Aston
W6JDT
652-9038

W6RFF

Jettie Hill
783-0383

Club Breakfast: Last
Saturday of the month
(except in Dec.), 8:00 - 9:00 a.m.
Susie's Country Oaks Cafe,
Roseville HWY I-80 & Riverside
Exit

K6GKR

Gerri Metke
783-7610

Club Meetings & Events

Sep 6	Community Service*
Sep 10	Transmitter Hunting
Sep 27	Board of Directors
Sep 19	Club Ham Swap
Sep 25	Club Breakfast
Sep 29	VE Test 7:00 p.m.*
Oct 8	White Elephant Sale
Oct 13	VE Test 7:00 p.m.*
Oct 23	Transmitter Hunt* **
Oct 25	Board of Directors
Oct 27	VE Test 7:00 p.m.*
Oct 30	Club Breakfast
Nov 12	Elections & Ice Cream Social*
Nov 20	Community Service -Rosv. Holiday Parade
Nov 22	Board of Directors
Nov 27	Club Breakfast
Dec 10	Christmas Party & New Officers Installation
Dec 17	Board of Directors
Dec 19	Club Breakfast

* See article inside this edition

** Tentative

Enhanced Print = Club Meeting Topic

Key News Inside

ARRL Report	Pg. 9
Annual Picnic	Pg. 6,7
Board Meeting Minutes	Pg. 1,3
Club Meetings Aug. and Sep	Pg. 3
Community Service Events	Pg. 8
Dxpedition	Pg. 6
Field Day	Pg. 9
Guess Who's Shack	Pg. 6
Rabbit (Transmitter) Hunt	Pg. 6
Repeater News	Pg. 8
Sunshine Report	Pg. 5
SFARC's Fiscal Affairs	Pg. 5
Swap Meet	Pg. 10
VE Examinations	Pg. 6



It is good to be back in the Good, Spirited U.S.A.! Our visit (OM KC6LOE Greg and I) to Ecuador took us through Guatemala and Costa Rica. We visited the mainland of Ecuador, and its beautiful Galapagos Islands. What an education and experience. We saw evidence of very few

President's Message, Cont. From Pg. 1

fellow Hams. (See pictures below.) We did share with many the benefits and fun of being an amateur radio operator. This experience in a distinctive different culture has caused **KC6LOE** and me to recommit to goals that have been on our minds for some time. So as I announced at our last meeting I will not have the time to commit myself to run again as President of SFARC. But I will offer my candidacy as Treasurer. I remain committed to SFARC but need a less demanding position in order to have the time needed to pursue upgrading my license, taking Spanish Language classes, and taking special courses in my Career area. **KC6LOE** and I will be working on upgrading together and taking Spanish classes. (Yes, this means I won't have time to publish the Club Newsletter. **W6RFF Jettie Hill** decided to run for Vice Director of ARRL. Jettie also will not have time to do the newsletter. So come January '94 the position is open. Volunteers please come forward.) As I begin this "lame duck" side of my service to the Club, I want to thank the many members who have been so supportive and generous with their time, suggestions and support. All are needed to help SFARC to continue to be a progressive, positive club that attracts new and motivated members. For the most recent help, I owe special thanks to **K6GKR Gerri Metke** for serving as Club Secretary and Treasurer at the last club meeting; **AB6OP Jim Lomax** for filling in for me at the July 1993 Board Meeting. (I made it back from Ecuador for the August meeting); **W6SUP Bob Metke**, **KC6RUO Matt Diridoni**, and **Linda Boeckman** for filling in at the Snack Bar for the last few meetings when our regular Snack Bar staff have been away having vacation fun. **KC6LOE Greg Huttula** for thinking of having a club program devoted to demonstrating new radio equipment (The Radio Place). **WB6EDR Dick Wilkins** for taking abuse as the next "old man" within the Club. (You are special and don't deserve the abuse. Now a few other might!) Kudos' to **W6RFF Jettie Hill** for handling the August Newsletter. (Too bad you didn't want to keep it.) Thanks to **W6SUP** and all who helped him put on the '93 Annual Club Picnic!

73's **KC6LIX Jan**



This is **HC8JUG Jose' Luis Gallardo's Ham Shack** on Santa Cruze Island, Galapagos Is., Ecuador. We had the pleasure to visit with Jose's son, Jason. Jose' was away working on the family farm. Jose' shack included a Drake TR7 Transceiver and a JC735 Icom. (While on San Cristobal Is., we noticed a poster advertising a October 1993 Ham SWAP that was organized by the Galapagos DX Radio Club!)

August Board of Directors Meeting

(**K6GKR, Gerri Metke**) The August Board meeting began with all but **KC6VGE**, Jeannine Swanson, Club Treasurer, in attendance. Jeannine had just began her college courses this night. But before the meeting was over Jeannine appeared! Club Secretary, **KC6VGE**, Scott Swanson, has had a busy schedule and has not be able to prepare minutes to the meeting. So these minutes are from my notes and memory. Meeting topics included, the Club Picnic, Swap Meet, elections of Club Officers, T-Shirt Estimates, Elephant Sale, Club Newsletter, Transmitter Hunt, and the status of the 2 meter repeater as well as the condition of the antenna. Club Picnic: Thanks to the over \$125 donated by **W6SUP**, **Bob Metke**, Picnic Chairperson and the rest of the **VE** team, the Club's annual picnic will cost the Club's treasury about \$150. Donated moneys will be used for cash prizes and game items. The est. \$150 will be used for food and bar-b-que items. The September Swap Meet is expected to cost about \$250. Because of significant donations, the last swap meet cost about \$120 and brought in an \$429. More money is needed this time to purchase prizes, food, and other amenities. **AB6OP Jim Lomax** will be presenting a thorough Swap Meet budget at the next Club meeting. Club members must approve all expenditures over \$100. (The SWAP meet should be another great event. **AB6OP** is hoping to clear \$600 from the Meet.) **W6RFF Jettie Hill** asked **AB6OP** to advertise the SWAP Meet in World Radio and ARRL. Club Elections are just around the corner. All officer positions are open for re-election. The Board discussed which of the current officers might be seeking offices besides the ones they now hold. Also the protocol of the elections process and the Election Committee was discussed, i.e. can persons who are running for office serve on the elections committee, how do we avoid clicks in office and running the club to personal goals? Not all issues regarding this topic have been resolved. All persons interested in the growth and further enhancement of SFARC are encouraged to become a candidate and run for office. T-Shirts: **K6VGF Scott** showed a T Shirt that was prepared by Dave Thompson's brother. (Dave what is your brother's name?) The Board was informed a minimal order of 36 T-Shirts would be necessary. A debate began. Former meeting notes were checked. During the July Board meeting members had authorized up to \$60 for the silk screen work that the Club would own. Members were now being apprised that the \$40.45 was for a T-Shirt sample only. The art work would not be owned and available to the Club unless shirts

were ordered from Dave's brother. Members then voted and authorized certain individuals to secure bids and any samples at no cost to the Club. A decision will be made at the next meeting whether to pursue and present the pre-payment purchase of a specifically designed Club T-Shirt. The Board is seeking to make available good quality T shirts to individual members at a prepaid amount ranging from \$9-\$12. (The Board voted **not** to use Club funds to purchase a supply of the T-Shirts.) The Board would also like direct communications with the providers of the T-Shirts in order to ensure no further changes in bids, quantities to be ordered, etc. occur. **KC6VGF Scott Swanson**, Club Secretary, is the chair of this year's **White Elephant Sale (WES)**. The Board discussed strategies to advertise the Sale, who might help Scott, and when should the Club house be opened for the "white elephants." **AB6OP** volunteered to make fliers and send a message out on packet regarding the WE Sale. The monthly cost of the **Club newsletter** is down from \$120 for 120 copies to around \$89 for 170 copies. The Club annual budget of expenditures and revenues is to be revised. The Board discussed various ideas on how to encourage the maximum participation in the **Transmitter Hunt**. **K6GKR Gerri** will solicit ideas and ensure the next transmitter hunt meets the majority of members interests. The Hunt will be announced over packet. All hams will be encouraged to attend. The Board asked for a fiscal accounting on **Repeater** expenditures and discussed reports that the antenna is crystallizing in places and needs repair. **AB6OP** was appointed coordinator to arrange for Board members and other interested parties to visit the repeater on September 26, 1993. He is also to investigate the need, cost, etc. of a Sacramento Area access number. **AB6OP** will contact **K6ARR** on the look-e-lou arrangements. If anyone is interested in seeing the repeater along with the Board members, contact Jim at 334-4887 or Jan Huttula at 786-3530. For anyone who finds the September 26 date inconvenient, directly contact **K6ARR**, Jim Carmen at 885-9335 or call him over the 2 meter repeater.



Notice your hard working SFARC Board in Action. (Picture taken by **KC6LIX**, Greg Huttula who also attended the meeting.)

August Club Meeting

A personable and knowledgeable sales representative from The Radio Place (one of SFARC's Newsletter Advertisers) made an excellent presentation on the latest and best in **Ham equipment**. He had over thirty pieces of radio equipment on display. Paul talked about the features and price of each item he presented. Your President **KC6LIX Jan** and her OM, **KC6LOE Greg** became so enthusiastic that they purchased a **Yaesu FT 5100!**

Members also enjoyed a special, entertaining, and informative presentation made by **ARRL's Chuck McConnell** who is running for **ARRL Pacific Division Director**.

September Club Meeting

SFARC's September 10, 1993 program meeting will be on Transmitter Hunting and will be presented by **WA6ULL, Bob Boeckman**. Bob will give us the in and outs of **Rabbit Hunting** and will demonstrate to use various directional finders (DF's)/transmitter locators that have been made or purchased by Club members. (See article on the **Rabbit Hunt**.)

Before the Meeting Dinner Group



If you want to join members for dinner and some socializing before the meeting, listen to Freq. 145.430 (-600 KHzPL: 94.8) to hear where the group will meet. Join them for some pre meeting fun. Members at the last gathering were **KD6BOR Dick Addison** and his family, **WA6ULL Bob** and **Linda Boeckman**, **KA6WUW Martha Vance**, **AB6OP Jim Lomax**, **W6SUP Bob** and **K6GKR Gerri Metke**, **KC6LIX Jan** and **KC6LOE Greg Huttula**,

Video Processor on a Budget!

Now you can enhance cleaning out your video processor.

Don't Forget!

Don't Miss It!

HSC's

Giant

30th Anniversary Sale!

Saturday only!

9AM to 5PM

Sept. 18, 1993
This is the big, once-a-year blowout...
Nearly everything is on sale!...Up to 90% off!
Discounts on everything...Warehouse Clearance...
Many One-of-a-kind Specials...Close-outs...
Drawings...Prizes...Refreshments...
All three locations!

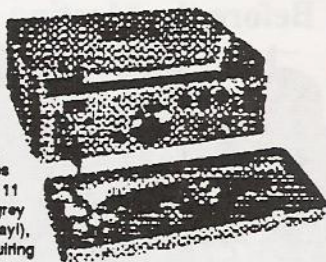
All drive enclosures for
Styles A&B include rbt

- | | |
|---------------|-----|
| A. SKHD1 | 5 |
| B. SKHD1/Open | 5L |
| C. SLHD2 | 60 |
| D. SLHD3 | 60Y |

Neat Box you

This is the type of deal we love. We bought these items for the... because it has so much potential. We then discovered that the unit inside has a wealth of possibilities. We offer some suggestions, let your imaginations run wild!

Option #1 - Weatheright Equipment Case will accept a 19" standard rack-mount unit up to 5" high (with standard 5.25" front panel) and 11" deep. Gasketed front cover has cable storage clips, case has storage slot for .5" thick manual above unit. Outside dimensions are 20" x 7" x 15" deep, exclusive of rubber feet, four sturdy latches and spring-loaded carry handle. Weight 11 lbs. Constructed of aluminum, Navy gray color. Perfect for ham gear (field day!), instrumentation, or other projects requiring rugged, weatheright Mil-spec. case.



HSC# 14032

\$29.95

Option #2 - Frequency Converter Unit (removed from case above) Mod. CV-2353/U was used to mix external signals from 100 Hz to 2 MHz with an external oscillator signal for output to a spectrum analyzer. It also has a 3 MHz signal source that may be applied to the spectrum analyzer. We weren't too excited about this unit until we noted the high quality of construction of several nifty RF modules inside. It uses 115 VAC, has a balanced mixer, a ultra-stable VFO (2.985 - 3 MHz) with a beautifully clean sine-wave output, 600Q step attenuator, stable -15 VDC power supply, and a 2.5 MHz IF amplifier module. We tested one, and after warmup the VFO drifted only 25 Hz! You could add a crystal oscillator and use the balanced mixer for a QRP Transmitter, or add a detector and modify the VFO for the desired band and have a HF receiver, use as a stable signal generator for HF, or you could add frequency multiplier stages for a stable VHF RF source, etc. Includes power cable, three BNC cables, manual w/ schematic. Unused!

HSC# 14033

\$19.95

Option #3 - Buy both units above, only \$44.95! What a deal!

HALTED
specialties co.

HSC Electronic Supply

Toll Free (Orders Only) 1-800-4 HALTED (1-800-442-5833)

Retail Stores:

3500 Ryder St., Santa Clara, CA 95051	(408) 732-1573
4837 Amber Ln., Sacramento, CA 95841	(916) 338-2545
6819 Redwood Dr., Cotati, CA 94931	(707) 792-2277

Actions from \$99¢ aisle

Items in this box are 99¢ each (not used)...stock up now!

Alum. Electrol. Caps, bag/100
Alum. Electrol. Caps, bag/50
Alum. Electrol. Caps, bag/10
with three feet of cord
plastic saddle, 1/2", bag/100
1/2" cable, RG58/59, bag/100
1/2" conn., 1 x RCA conn
connectors, 3 ft. long
75Q, with RCA conn., 15 ft.
gray, sheet of 24
or tall IC sockets, pack 50
or tall IC sockets, pack 15
solder paste, 1 Oz. tube
empty

Windows & DOS Deal!

The real stuff! Genuine Microsoft Windows 3.1 and DOS 5.0...now you can afford to upgrade from earlier versions, or put them on that second computer you've just built. New, in-the-box OEM versions of these popular operating systems say Texas Instruments on the manuals and disks, but will work on any IBM or compatible computer. Comes with full manual and 3.5" diskettes. Won't last!

HSC# 14435	Microsoft DOS 5.0	\$34.95
HSC# 14434	Microsoft Windows 3.1	\$69.00

One-trick Phone Friend

This little novelty was meant as an easy-access dialer for one of the off-brand long distance services. You can't change the pre-programmed access codes, but it will remember the last number you dialed with it, so you could use it as a one-number (16-digits) memory-re-dialer. Handy for those midnight overseas calls! Uses three button cells which might need replacing.

HSC# 14438 \$4.95



Controllers found... Hurry before they Vanish!

MFM Hard Disk controllers represent the last of a vanishing breed! No more, so if you have a MFM drive or two and don't have a controller, you're out of luck. The 349 supports two floppies and 1:1 interleave for up to two MFM hard drive activity light. Latest surface-mount technology means rugged and new in antistatic bag, cables not included. Sorry, no docs yet. In the secondary market, but controllers are another matter...hurry! One year warranty!

\$39.95

adquarters!



Style "A", "B"



Style "C"



Style "D"

Real Modems at Unreal Prices!

This will certainly excite people that know modems...genuine Telebit modems with their reputation for high speed and quality! We recently received a nice selection of used, factory-tested Trailblazer, Trailblazer Plus, Cellblazer, and T2500 modems. In addition to being compatible with regular PC modems (including Hayes), these units feature a proprietary protocol (PEP mode) that lets them communicate with each other (and other PEP modems) at super-high speed...19,200bps! Over normal voice lines! And it's all automatic! The 68000-based circuitry interrogates the recipient and selects the highest transmission speed for line conditions and receiving modem capability. In PEP mode, data rate "fall back" in case of line-noise or errors is in increments smaller than 100bps, instead of the 50% degradation from, say, 9600 to 4800bps that a typical modem will try. These units are popular with UNIX users, high-volume data-net and on-line service users, and business installations. Units in old-style cases (left below) measure 8.5" x 12.5" x 2", new-style cases (below right) are just slightly bigger. All have RS-232C Serial interface and come with new power supplies.

HSC#	Model #	Compatibility	Style	Price
14428	Trailblazer	PEP: up to 18,000 or 19,200bps w/ data compression, V.22bis (2400bps or 4800 w/ MNP-5), V.22 (1200bps), UNIX UUICP, Kermit, XModem, YModem, SDLC	A	\$39.95 or 2 / \$70.00
14429	Trailblazer Plus (early)	PEP: up to 18,000 or 19,200bps w/ data compression, V.22bis (2400bps or 4800 w/ MNP-5), V.22 (1200bps), UNIX UUICP, Kermit, XModem, YModem, SDLC, Sync	A	\$44.95 or 2 / \$80.00
14431	Trailblazer Plus (late)	PEP: up to 18,000 or 19,200bps w/ data compression, V.22bis (2400bps or 4800 w/ MNP-5), V.22 (1200bps), also T-2000	B	\$49.95 or 2 / \$90.00
14430	Cellblazer	PEP: up to 18,000 or 19,200bps w/ data compression, V.22bis (2400bps or 4800 w/ MNP-5), V.22 (1200bps), UNIX UUICP, Kermit, XModem, YModem, SDLC, Task/Data	B	\$59.95 or 2 / \$100.00
14430	T-2500	PEP: up to 18,000 or 19,200bps w/ data compression, V.32 (9600, 4800bps), V.22bis (2400bps or 4800 w/ MNP-5), V.22 (1200bps), UNIX UUICP, Kermit, XModem, YModem, SDLC, Photocopy of manual included.	B	\$129.95



"A"



"B"

Note: Except for T-2500, above prices do not include manual. Copies of Trailblazer Plus or T-2500 manual (which is all we have, but should help with any of above models) are available for \$10.00 (lots of pages to copy!)

Terms: Some quantities limited; all items subject to prior sale. Minimum order: \$10.00 plus shipping. Orders under \$20.00 subject to \$2.00 handling fee, in addition to shipping. All orders shipped FOB Santa Clara, CA (this means you pay freight) by UPS Surface (no P.O. Boxes) unless otherwise specified, in which case prevailing carrier rate plus \$5.00 handling fee applies. Prepaid orders that don't include shipping charges will be shipped freight COD. There is a \$4.00 UPS charge added to shipping charges for COD shipments. If you have questions about your order, please call Customer Service at (408) 732-1554 M-F 9AM to 5PM PST.

SFARC Fiscal Affairs - Aug 1993

Amounts rounded to the nearest dollar. This chart shows budget items, estimated annual expenditures, current estimated/actual expenditures or receivables, and how the Club moneys are currently allocated. This reporting system is still under development. But it serves as general information. Moneys designated to specific areas is determined by past experience and approved by the Board. **Proposed Club expenditures over \$100 must be approved by a vote of the membership.** Moneys currently allocated to areas may be moved around to cover approved expenditure areas. Moneys raised from the White Elephant Sale goes towards the Christmas Party.

* Estimated Amounts + Slush funds moneys; not part of Club Checking Account.

Budget Item	1993 Est. Exp.	1993 Est/Act Exp/Recpt.	Current Alloca.
ARRL	\$ 74*	\$ -74	\$ 12
AUTOPATCH	\$ 120*	\$-120*	\$ 566
BADGES	\$ 90*	\$ - 90*	\$ 3
COM SERV***	\$	\$ +150*	\$
CORP. FEE	\$ 5	\$ -5	\$
XMAS PARTY	\$1400*	\$+961	\$ 961
FIELD DAY	\$ 186	\$-186	\$
GARAGE SALE	\$ 36*	\$+ 176	\$
GENERAL FD	\$ 300*	\$- 300	\$ 267
INSURANCE	\$ 262	\$-262	\$
MEMBERSHIP	\$ 90*	\$+1260*	\$
NEWSLETTER	\$1080*	\$+650*	\$ 287
PICNIC	\$ 150	\$-140	\$
RAFFLE	\$ 960*+	\$ 960*+	\$
RENT	\$ n/c	\$	\$
REPEATER	\$ 600	\$-600*	\$ 841
SNACK BAR	\$ 100*+	\$- 100*+	\$
SWAP MEETS	\$ 435	\$+1000*	\$
T-SHIRT SCR.N.	\$ 60*	\$-40	\$
VE FUND	\$	\$	\$ 136.
WHITE ELE.	\$	\$+ 300*	\$
WORLD RADIO	\$ 60	\$-60	\$
Total	\$6,008		\$3,050

AUG CLUB CHECKING ACCT. REVENUE & EXPENDITURES

	Account Deposits/Allocations	Expenditures
Autopatch		\$ 8.52
General Fund		\$ 4.48
Repeater	\$23.00	
Total	\$23.00	\$ 13.10
Club Acct. Balance		\$3,321.92

Mar Vacs California Radio Electronics

2537 Del Paso Blvd.
North Sacramento, CA 95815
(916) 922-6533

SFARC'S Aug Breakfast

(K6GKR Gerri Metke) The August 28, 1993 Club breakfast was well attended by eighteen members! The breakfast banter covered friendly general personal stories, technical ham radio problem solving, and Ham Radio accomplishments and goals.



Can you recognize any of these Hams, their family & friends?

Sunshine Report

Travel: WD6EQQ Walt and XYL Mildred Loose are traveling in Oregon until September 23, 1993. WDE6QQ is rapidly recovering from an infection in his foot. N6JHP Bonnie Connelly is back from Hawaii and sent us a "Hello." She is back to work at the Folsom Prison Museum.

Well Wishes: KN6HF Dave Thompson has received his final treatment and is feeling much better. Now he can devote more time with greater stamina to his work and radio hobby. Our sympathy goes out to N6SHD Dave Hund, whose father passed away just last month. Address sympathy cards to: Dave and Mary Hund, 5533 Butano Way, Rocklin, CA 95677. KA6KUT Dave Peden reports that KK6GC Rosie is down to 60 pounds. She recently started eating a few of her favorite candy bars and put on a little weight. Send

your cards to P.O. Box 232, Meadow Vista, CA 95722.

Doris Durmond, XYL of Silent Key of W6YHI Jack, recently underwent surgery on a vein in her neck. She is doing fine and made it to the Club breakfast. Doris is a loyal supporter of Club activities and attends functions when her busy schedule allows. Give Doris a call at 989-2934. Last moment addition: **W6LOE Chuck Eder** has suffered a stroke this weekend. He is in the hospital. The movement of his left side is currently impaired. Send your well wishes to: 7586 Galway Ct., Citrus Heights, CA 95610-6518.

VE EXAMS

(Roseville, W6SUP Bob Metke) In August, fourteen applicants took 21 exams. W6SUP Bob advises that many people have been using the old study guides. It has caused them not to pass the test. Please be sure to buy up-to-date information. If you have any questions call Bob. See **Calendar of events for Test Dates**. Pre registration is a must for all sessions. There is a minimal cost to take the exam. Study classes are free. Test cost and payment method is given when you pre-register. A Technician class is being given Monday nights at 7 p.m., at W6SUP Bob Metke's QTH. Call 783-7610. Do not hesitate to let Bob know if you have a special testing need due a disability. Contact W6HTS Mildred O'Brien at 771-0350 to receive Morse Code tutoring (Tuesday evenings). There is no charge for her assistance!

GUESS WHO'S SHACK THIS IS?



This is W6HTS Mildred O'Brien. She is an angel to persons wanting to be licensed or wanting upgrades. Mildred is currently tutoring a half a dozen Club members. If you want experience receiving the code in a comfortable, controlled, environment, call (916) 771-0350. If you are interested in borrowing a computer code learning program, call KC6LIX, Jan or KC6LOE Greg Huttula, 786-3530. (Both are reported to be adjusting their life, work, and community commitments so they may upgrade!)

DXPEDITION ?INT QRV?

("30" - Havana Moon) ZK3DM has been heard around 14.195 with a nice signal. Marcel is operating on Tokelan until Sept. 18. QSL to ON4QM. Ed, 3C1TR, has been on the butterfly net for about a week. Try 14.226 around 2306 Zulu. QSL to K8JP. Equatorial Guinea is a nice one. Good Luck. KH9 - A group of Cal Poly students are set to operate from Wake Island around the first of Sept. for about 10 Days. They will be running all bands--all modes. QSL to Oklahoma DX Assc., P. O. Box 88, Wellston, OK 74881. Well kids, the big one coming up (Drum Roll Please).... Looks like....VK9M, Mellish Reef. The dates of operation are Sept. 19-28. But remember, there are many variables. This will be an all out DX-Pedition, all Bands, all Modes, Standard DX Freq's and split operations. QSL to Bill Horner. VK4CRR with SAE and Return Postage. This is currently \$150 from Australia. You can also work them during the trip to the Reef 14.195 and 7.180. Also, note QSL's back will begin about 1 Dec. 93.

That's it for now, Gud Luk - Gud DX and eat all your veggies. If you have any questions on DX'er Privates, drop a line to the Club Newsletter, "30" Havana Moon.

Rabbit (Transmitter) Hunt - October 23?

(Roseville, K6GKR, Gerri Metke) SFARC's next Rabbit Hunt is tentatively planned for Saturday, October 23, 1993. The Hunters will meet at the monthly Club Breakfast site, Susie's Country Oaks Cafe, Roseville HWY I-80 & Riverside Exit. Those wanting breakfast and time to plan Hunt strategies should be at Susie's by 8:00 a.m. The hunt will begin at 9:00 a.m. Final arrangements and hunt rules will be announced over SFARC's Club nets, packet, and the next newsletter. Naturally at the Hunt start, participants will be given the rules. K6GKR, event organizer, has been canvassing members regarding preferable date, time, and location. Contact K6GKR Gerri 783-7610 on locating hunt partners. Contact KC6LIX Jan or KC6LOE Greg Huttula 786-3530, W6SUP Bob Metke 783-7610, K6DGW Fred Jensen 885-8251, WB6RBE Dave Jenkins 791-7969, or W6RFF Jettie Hill 783-0383 for any questions and answers on how to build or buy Directional Finders (DF's)/transmitter locators. At the next Club business meeting we will be discussing Rabbit Hunting strategies and the various types of DF's. Come to the meeting and hear WA6ULL Bob Boeckman, one experienced Rabbit, share the in's and out's of Transmitter hunting.

Aug 28 Annual SFARC Picnic

(Roseville, W6SUP Bob Metke) The annual Club Picnic was another successful event. The Pot-Luck potpourri menu turned out to be a balanced meal even for the most discriminating tastes. There was a good representation of main dishes, salads, and desserts. **Winners of the various**

events were: **Mobile Radio Installation: 1st Place, N7EUQ Roger Hedgpeth and 2nd Place KC6RUO Matt Diridoni**. N7EUQ took the top spot. His installation included an alarm system! An honorable mention is due **KA6GQW Arron Barstis** for his **public service equipment**. The judges determined that their rating sheets did not allow them to assess Arron's set-up. Nor was the criteria for public service equip. and installation pre announced prior to the event. So the judges determined that Arron's installation was outstanding but not eligible for this competition. (Next year's picnic organizers are encouraged to add this category.) The **Radio Bingo Game** had four hot contestants for top place. Only one had the least duplicate answers: **Linda Hedgpeth N7EUQ's XYL**. **KA6WUW Martha Vance** and **KA6GQW Arron Barstis** were close competitors. The fantastic **Name that Tune** game set up by **W6LOE Chuck Eder** was won by **KM6KV Bill Parish**. **KC6VGE Jeannine Swanson** gets an honorable mention for being the only one who correctly identified the slot machine sound and for having numerous correct answers.



SFARC members, their family and friends enjoying this years pleasant weather and good time. Can you spot Arron Barstis' 2 meter portable antenna and handheld?

Adult **EGG Toss** winners were **KC6LOE Greg Huttula** and **Scott Hill**. Adult **Balloon Toss** winners were **KD6WWT Ken** and **Lori Niles**. The **Big Bingo** game winner was **Linda Hedgpeth**! The **Marshmallow Golf** winner was **KC6LOE Greg Huttula**! (It was his club.) A good time was had by all. Thanks to all who helped to put on this year's event. Special thanks goes to **KA6KUT Dave Peden** and to-be-ham **Chuck Krof** for arriving very early to ensure the picnic spot was ours. **KC6LIX Jan**, Club President received several good comments and suggestions that may be considered for next year's event: Have **KA6GQW Arron Barstis** set up his 2 meter portable set-up a little earlier. It was great to have him accessible by radio as people drove up to the event. Have a drawing for prizes at the event. Have an official MC for the event like we used to

have. See if some live music is available. (A few club members offered.) Have two separate food serving tables. Have one table for the main course, and one for the salads and desserts. Start the radio installation check around 11:00 a.m.. So the games can begin earlier. Do Bingo again it was fun! Thanks for all the games. It was great. Good mix of sitting and active games. Chicken was especially good! Radio Bingo was a good get-acquainted and educational game. How about a chili cook off or cake tasting contest?

Renewal/New Members/Changed Calls

* = Associate ** Honorary + Renewal

NTBG = No tel. # given

INA = Info. Not available at time of Publishing

New Member Info.

KA6WUW Martha Vance (General)

7715 Old Auburn Rd.
Citrus Heights, CA 95610
(916) 723-5480

Address Change Only:

KC6VGR Scott and KC6VGE Jeannine Swanson

958 Herr Way
Auburn, CA 95603
(823-7209)

Address and Telephone Change:

KI6TE MaryAnn Simmons and

KA6PTL Marj Haviland

121156 Persimmon Terrace
Auburn, CA
(916) 889-8840

New Member Info.

KD6WWT Ken Niles

1098 Woodcreek Oaks Blvd. #203
Roseville, CA 95747
(916) 771-2725

Note: Next month up-to-date members list will be in the Newsletter!

Members who receive changed calls, new addresses, and telephone numbers, please be sure to notify the Club Treasurer. So this key information may be published to fellow members. Also, if you are a new member who has not received a newsletter and/or your membership has not been published, contact the Club Treasurer. So the record may be amended, and the Newsletter editor and Net Controls will receive this information.

SFARC Membership

Each month SFARC has been gaining a few new members. The new members are commenting that they are joining us not just because they live in the SFARC repeater area. They are drawn to the positive, friendly forwarded moving Club (and they like the newsletter). Key Club members who are reaching out to gain greater membership are those with a broad based network, like VE Chair and Mr. Repeater **W6SUP Bob** and **K6GKR Gerri Metke**. Gerri makes an effort to socialize and keep in contact with numerous new and experienced hams in the area. **W6RFF Jettie Hill** who is **ARRL Section Manager** visits many other radio clubs. Jettie sings SFARC's praises. **KC6LIX Jan Huttula**, Club President monthly calls and writes correspondence to encourage new and renewal memberships. **AB6OP Jim**

Lomax entertains and helps operators install or repair equipment at his Home Electronics Lab. **WB6RBE Dave Jenkins** and **KN6MK Mike Sexton** do their member outreach efforts through their good deeds. Thank you all -- the word is spreading. Statistics show that SFARC members represent a little less than 50% of the Hams in the Roseville/Auburn area. Meetings are consistently attended by thirty members. An additional ten to fifteen members loyally come to most meetings. Their are approx. ten members who show up a few times during the year when the program subject matter appeals to them or a friend has encouraged them back.

COMMUNITY SERVICE COMMUNICATIONS - AUG/SEPT.

(AB60P Jim Lomax and KC6LIX Jan Huttula) This past month **W6SUP Bob Metke** - Roseville carried over 200 messages for persons affected by the **Mississippi floods**. On **September 6, 1993** a few SFARC members will be working with the **Nevada City Amateur Radio Club (NCARC)** at the 49er Canyon Classic Biathlon. This event is sponsored by the **Christian Team Ministries**. It is a 10 mile bicycle race and two mile run. We are looking forward to working with our fellow hams and friends in NCARC.

Please remember to coordinate all Community Service Events by contacting **AB60P Jim Lomax**, SFARC's Special Services Coordinator, 334-4887. If he is not available contact, **KC6LIX Jan Huttula**, 786-3530, or **KA6LNC John Tiernan**, 885-6297.

Election of '94 SFARC Officers

(Roseville, **K6BJS Puma Clements**, **KC6LOE Greg Huttula** and **W6LOE Chuck Eder** - Your Elections Committee) Elections for '94 officers is shaping up to be a positive, competitive, fun event. Current declared candidates for office are as follows: **President: AB60P Jim Lomax** Vice **President: WA6ULL Bob Boeckman**, **Secretary: N7EUQ Roger Hedgpath**, **Treasurer: KC6LIX Jan Huttula**, **KC6LOE Greg Huttula** Yep, they are running against each other. They say it is because they help each other and use the same data base on behalf of the Club. So it won't matter who wins.) **Board of Directors: KA6WUW Martha Vance**, **KN6MK Mike Sexton**, **K6BJS Puma Clements**, **KC6LOE Greg Huttula**, **W6LOE Chuck Eder**. Candidates may run for more than one office and hope they get something. Our **President KC6LIX** and **Vice President AB60P** are stimulating interest so members will run for office. Candidates are sought who will strive to bring the Club to even greater heights as a friendly, professional club. In 1994 it is hoped that the Club will offer greater availability to serve the community with radio communications assistance, continue the membership growing spurt, and continue technical training programs. **Hot Scoop or Scope!** This year **KC6LIX Jan** and **KC6LOE Greg Huttula** are sponsoring

an **Ice Cream Social** at the November meeting when the elections are held. While ballots are being computed and ready for posting, the members will be offered some great **Ice Cream delights**. **KC6LIX** and everyone's campaign Manager including his own, **KC6LOE** tell us the ploy is to spark lively interest and ensure an open, free election process. **SFARC seeks officers who can commit to attending the meetings, fulfilling the full scope of their duties, and accomplishing the goals of the Club.** Thus, if you are interested in an office or Club appointed position, call anyone on the **Elections Committee 783-5171**, **W6LOE Chuck Eder 966-2004** or **KC6LOE Greg Huttula 786-3530.**) The Club shows its spirit when there are more than one or two choices for each office. Look for the Elections Booth at the next meeting. Want-a-be candidates can ask questions and put their hat in the ring. Some Candidate statements will be available to review. The booth will be staffed by **W6LOE** and **KC6LOE Greg**.

10 Meter Net Control Needed

We have had an offer to take on 10 Meter Net Control duties. **SFARC still needs another person or two to volunteer to take on the net control duties of the Wednesday night, 10 Meter net.** **KN6HF Dave Thompson** used to handle this net for the Club. But it was difficult for Dave to get his signal out of Colfax to those of us in and around Roseville. Someone in or around Auburn would be ideal to handle this net. Currently **KM6KV Bill** and **KD6CMS Shannon Parrish (Meadow Vista)** are handling the Wednesday night net. They are alternate net controls. As soon as **KC6LIX Jan** and **KC6LOE's Greg** antenna is operational and they are trained, they will serve as alternate Net Controls. However, the Club still needs someone in the Auburn area. Anyone interested in handling the 10 Meter, 7:30 p.m. Wednesday night net should get a hold of **KC6LIX Jan Huttula 786-3530** or **WA6HYO Dick Lund 885-3190**.

Club/K6ARR 2M Repeater/Controller Update

(Auburn, **K6ARR Jim Carmen** and **KC6LIX Jan Huttula**) **Note the insert to this Newsletter. It has the Club Autopatch User Information.** Also, for your convenience, the back side has Club Nets and Club Officer information. We chose to distribute the information in this format to encourage more persons to become Club Members and help support the use and repair of the Repeater. **The Access Code was incorrectly listed in both the July and August editions of the Club Newsletter.** The enclosed information is correct. Have you noticed lately that the repeater is silent. **K6ARR's** call in code is not being given every ten minutes. This is because **K6ARR Jim Carmen** has been reading the FCC regulations. He said, it is not necessary to run the repeater call every ten minutes. So Jim is running a test to see how it goes without the signal being run so frequently. **Should you have any questions or wish to visit the repeater site, please call Jim Carmen at 885-9335.** Jim is also

available to give any new hams help in installing or testing their radio equipment. Jim has many years of experience and has the time to help. He sincerely enjoys sharing his knowledge with others.

Club Meeting Drawing

(KC6LIX Jan Huttula) **AB6OP Jim Lomax**, Club VP is now handling the purchasing Raffle prizes for Club meetings. Last months purchase of tickets was one of the best yet. **AB6OP efforts to give Club members a good mix of Radio related equipment at various values was a success.** Approximately \$90 was collected in Raffle ticket sales. (Please remember donations are gladly accepted as prizes. **Just bring your prize donation to the meeting.**) Continue to let Jim know what you would like to have as prizes. If he can collect \$80+ per meeting, the prize selection will be quality items. To collect \$80+ per meeting, each person in attendance would need to purchase only \$2 or more in tickets. Tickets cost 3 tickets for \$1. One free ticket is given to each member who is wearing his/her SFARC badge.

SFARC's '93 Field Day

(Roseville, W6RFF Jettie Hill) A one-inch thick packet of field day contacts and public relations information was submitted to ARRL Headquarters before the deadline date. We are now awaiting our November QST. I believe it is usually this issue that provides the national rankings. We anticipate the Club will be in the middle range of the contest results. Recent '94 FD suggestions are: Have FD in Roseville or Auburn at a Shopping Center or at the Fair grounds where we can demonstrate our skills and have all the amenities of home. Have FD at the park in Meadow Vista. Have FD at one of our members homes who live in the hills with plenty of property and a good setting. Anyone wishing to serve as '94 Field Day Coordinator should make their aspirations known asap to our Club President KC6LIX Jan. This information will help to ensure another smooth running event for the Club.

QUAD A's Electronic Supply

7366 Auburn Blvd., #3, Citrus Heights, CA 95610

(916) 723-723-7366

(916) 723-7368

RETAIL & COMMERCIAL SALES

Quad A will be having a booth at the SFARC's Sept. 19, 1993 SWAP meet and selling parts and tools. Look for the Quad A's booth!

ARRL REPORT

(Roseville, W6RFF Jettie Hill, ARRL Section Manager and Candidate for Vice Director) **New FCC Rules:**

Section 97.113 (Effective September 13, 1993) Permissible Communications by Amateurs: These new rules were passed with only minor changes to those published in the September 1992 QST, pg. 62. The rules redefine prohibited communications, permit (paid) teachers to use Amateur Radio in their classes, define allowable compensation for club station control operators (W1AW); define permissible re-transmissions by amateurs.

ARRL Elections: There will be a **ARRL Board Election for the Director and Vice Director of the Pacific Division.** Ballots will be in the Mail around the first of October. The **Ballots are due back to ARRL Headquarters by November 19, 1993.** Candidates of Office are: Pacific Division Director: W6DPD Chuck McConnell, K6WR Brad Wyatt; Vice-Director: KG6LF Jerry Boyd, W6RFF Jettie Hill, W6CF Jim Maxwell. All club members who are ARRL members please be sure to vote!

New Legislation: Thanks to all of you who took advantage of KC6LIX's Jan offer and sent letters on **Senate Joint Resolution 90** and the **House Joint Resolution 199.** It is important for our State and Congressional Representatives to hear from us. Twenty-one members signed up to send letters! **HR 2623 (Amateur Radio Volunteer**

Services Act of 1993 - Congressman Jim Slattery - Kansas): HR2623 is to amend the Communications Act of 1934.

ARRL wants legislation to protect amateur volunteers, e.g. volunteers covered under the Amateur Auxiliary of the FCC's Field Operations Bureau (Official Observers), the Volunteer Examiner program and the yet-to-be implemented volunteer club and military recreation station call sign administration program, from liability for actions unless "willful and wanton misconduct" is performed by a volunteer. Check your QST for more information. Then write your representative. Be sure to let them know you are a ARRL and SFARC member and active in community.

Be in the Know: Get a copy of ARRL National Traffic System hand out at the next Club meeting. This one page flier defines the history, the concept, the way to send a message, and tells an Emergency Coordinator how to use the NTS during emergency operations.

THE RADIO PLACE

VHF/UHF MOBILES, HANDHELDS & BOOKS

NOW IN STOCK FOR PRICE

Hrs. Mon-Fri. 9 a.m. -5:00 p.m. Sat. 10:00 a.m. - 5:30 p.m.

(916) 387-0730

Yaesu Alinco Cush Craft MFJ Arri Astron Larsen Ameco Antenex Hustler
Ramsey Wilson Antron Van-Goden Heil Smiley Amli Butternut Vibroplex

5675A Power Inn Rd., Sacramento, CA 95824

KC6VWM Mike Carpenter (916) 944-7302

SACRAMENTO AMATEUR RADIO OUTLET

9-6 Mon. - Fri. 11-7 Sat.

P.O. Box 1923 * Carmichael, CA 95609

4020 California Ave., Suite C * Carmichael, CA 95609

New & Used Sales * Service * Installations

Consignments & Trades * All Makes

SFARC NEWSLETTER

Published monthly for the benefit of SFARC's membership. Permission is granted to other amateur related organizations to reproduce materials in whole or in part for internal non-profit use, provided credit is given to the SFARC Newsletter and as applicable to authors of the reproduced materials. Articles and opinions expressed in this newsletter do not necessarily reflect the individual opinions of members or Board members.

Submit Articles, letters, and personal classified radio gear advertisements to: Editor, SFARC Newsletter, 1222 San Simeon Dr., Roseville, CA 95661 (916) 786-3530. The classified ads are limited to four lines. Articles that members seek to have published in the next edition of the newsletter must be submitted no later than the 25th of the month. For Business, Non-Personal Advertisements contact SFARC Advertising Editor, W6RFF Jettie Hill, 306 Saint Charles Crt., Roseville, CA 95661 (916) 783-0383. Full page ads to three line ads are available. Reasonable rates are offered on advertisements and on graphic designs for ads.

The Sierra Foothills Amateur Radio Club (SFARC) is committed to...promoting radio knowledge...encouraging fraternalism...enhancing operating efficiency...and advancing the general interest of Amateur Radio. SFARC is a Special Service Club and is associated with the American Radio Relay League (ARRL), the premiere Amateur Radio advocacy organization.



"BEFORE YOU SHOW OFF YOUR EXPERTISE, I'D BETTER ASK THE STORE HOW TO TURN IT ON."

Did you know the Club's been going nearly 30 years!

Been going where!?

VK2EZB

SEPTEMBER 19 SWAP MEET

(AB60P Jim Lomax, KC6LIX Jan Huttula, and K6GKR Gerri Metke) The date of SFARC's second SWAP Meet is just around the corner—Sept. 19, 1993. AB60P Jim Lomax, SFARC's Public Relations Coordinator, Membership Solicitor, VE Team Member, Vice President and all around Mr. Radio type is once again the SWAP organizer. Jim is especially working hard on publicizing this event and letting everyone know about the special swap meet drawing prizes he has purchased or had donated. Prize drawings are scheduled for every hour starting at 7:30 a.m. However, Jim is attempting to secure enough prizes for half hour drawings. The Grand Prize is a 300 Watt Antenna Turner! Drawing winners need not be present to win. But they will need to pick up the prizes within fifteen days of notification. Vendors are eligible to win prizes. Drawing tickets are \$1 each. The SWAP opens at 7:00 a.m. and ends at 12:30 p.m. Vendors are encouraged to arrive by 6:00 a.m. to set-up. Vendor stalls are \$5 (one parking stall). The SWAP will be held at Foothill Plaza Shopping Center, 5334 Auburn Blvd., Sacramento (near Madison and Hemlock). Look for signs to Vendors or Buyers parking areas. Food and beverages will be sold at the event. Ample parking is available near the shopping plaza. Jim hopes to raise \$600 for the Club. He still needs a few volunteers to assist him. It takes about twenty Club members to make this event successful and well run. Contact AB60P Jim (916) 334-4887. (See Board of Directors Minutes on the SWAP Meet.)

RADIO CENTER

(RENO RADIO)

ASTRON, MFJ, AEA, KANTRONICS, CUSHCRAFT

ALINCO, ICOM, KENWOOD, YAESU.

KENWOOD

TS-850S
New
Advanced Technology
HF Transceiver

KENWOOD

TS-50S
NEW! The World's
Smallest HF Transceiver

ICOM

IC-737
New, Affordable
HF Transceiver With
Plenty Of Features

YAESU

FT-1000
Premium HF Transceiver
200 Watts
Plus All the Goodies

AEA

PK-900
New Multi-Mode Digital
Controller With Dual Port
HF or VHF

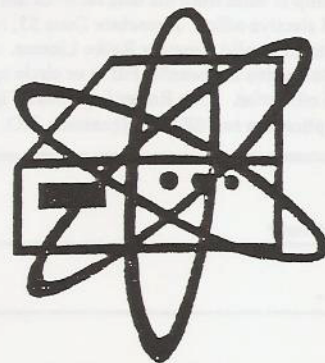
ASTRON CORPORATION

We Beat The Print Ads
New Low Prices!
Call Now

1-800-345-5686

AB60P JIM LOMAX'S

Home Electronics' Lab



- . VCR's
- . STEREOS
- . CLOSED CIRCUIT
- . CAMCORDERS
- . TELEVISIONS
- . MONITOR SYSTEMS

SALES**SERVICE****REPAIR**

(916) 334-4887 5334 AUBURN BLVD. SACRAMENTO, CA 95841
 License 23668

PERSONALIZED LICENSE PLATE FRAMES

JACK H. BEAN

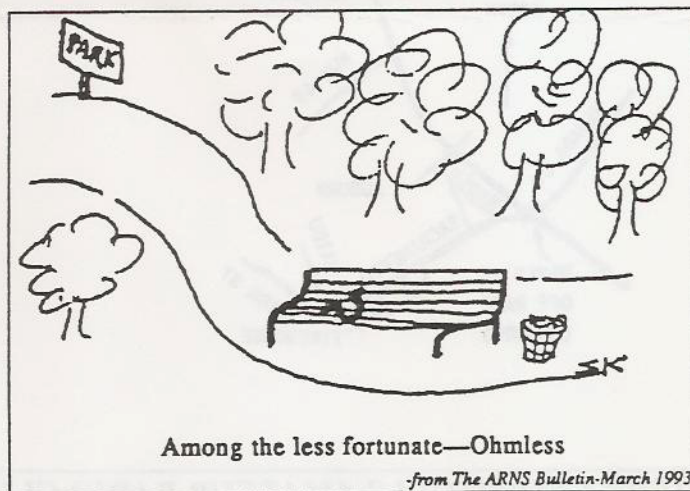
(916) 725-1017

P.O. Box 2411 Citrus Heights, CA 95611-4211

SPECIALIZED PROFESSIONAL WORDING ON LICENSE FRAMES

SFARC's Annual**White Elephant Sale****October 8, 1993**

Bring your new and used items to the Club meeting. Club-house will open at 6:00 p.m.. This event ensures good food and raffle prizes at the Christmas Party!! Clean out the garage and house and donate the items to the Club. Sale to begin promptly at 8:30 a.m. Ask fellow Hams and friends to attend. Direct any questions about this year's sale to event organizer, K6VGF Scott Swanson 823-7209.



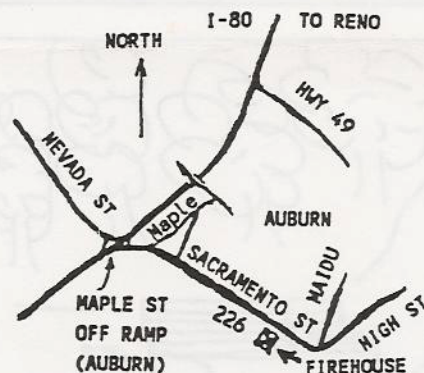
"SURE, EVERY DAY HE CAN OUTSMART US,
 BUT DOES HE HAVE TO FLAUNT IT?!"

SIERRA FOOTHILL AMATEUR RADIO CLUB MEMBERSHIP APPLICATION

Membership is valid from the date received until December 31 of that same year. **Member:** Dues \$12; holds valid Amateur Radio License, may vote in elections; may hold elective office. **Associate Dues \$5;** resident in the household of a regular member, pays Associate dues, may vote in elections; may hold an elective office if holds a valid Amateur Radio License. **Note:** Renewing your ARRL membership through SFARC's membership application process costs the same but allows SFARC to receive the benefit. Fill in or circle appropriate response on application form. * = This information will be used in Club's Membership Roster unless indicated otherwise. Club Roster is published in the March and October issue of the Newsletter. Renewals, new members, changed calls are published monthly. **Mail Application to:** SFARC Treasurer, P.O. Box 3262, Auburn, CA 95603-3262.

Member Name *		Birthday Mo / Day *	() Yes () No World Radio Member	NTT+GAE Class	App Date
Address *		Call Sign *	() Interested World Radio	Years at this Class	() Yes () No Run rcpt rqsid
City	State	Zip Code	() Yes () No ARRL Member	Years as a Ham	() * \$12.00 = New Member renewal
Work Phone *		Home Phone *	() Life Member ARRL Member	Favorite Bands	Net 80 40 20 15 10 2 220 () * \$5.00 = New Associate renewal
Fax *		Pager *	Operating Times	Packet MBX frequency	Repeater Donation
Name *		Birthday Mo/Day *	() Yes () No World Radio Member	NTT+GAE Class	Auto Patch Donation
() Member () Associate		Call Sign *	() Interested World Radio	Years at this Class	() * .25 = Club Patches
Work Phone *		Home Phone *	() Yes () No ARRL Member	Years as a Ham	Club car Placard
Fax *		Pager *	() Life Member ARRL Member	Favorite Bands	Net 80 40 20 15 10 2 220
Office Use Only		Operating Times	Packet MBX frequency	Total =	

Club business and training meetings are held the 2nd Friday of each month, Auburn Fire Station, 226 Sacramento Street, Auburn, CA.



COPIES DISCOUNTED BY
V.I.P. COPIERS
"A Superfast Copy Center"
5336 Auburn Blvd. Sacramento, CA 95841
(916) 344-3697 Fax 344-1765

SIERRA FOOTHILLS AMATEUR RADIO CLUB
P.O. BOX 3262, AUBURN, CA 95604

