

Sierra Foothills Amateur Radio Club

Newsletter



users.newworld.net/wingman/sfarc
January 2002
P.O. Box 1005, Newcastle, CA 95658



PRESIDENT

Richard Kuepper, WA6RWS
530.878.6220
rkuepper@juno.com

VICE PRESIDENT

Eldred Wilkerson, KD6ZSL
530.878.6223
kd6zsl@yahoo.com

SECRETARY

Steve Faulkner, KF6OCE
916.725.3255
kf6oce@aol.com

TREASURER

Mike Hudson, KG6EFK
916.624.4714
mlhudson@firstam.com

DIRECTORS

Debbie Cunningham, KF6LXN
916.663.4143
dmc@midtown.net
Bob Boeckman, WA6ULL
916.987.9910
wa6ull@aol.com

Roger Hedgpeth, N7TK

916.983.2912
rolifo@jps.net

REPORTERS

Satellite Report

Greg Dolkas, KO6TH

40 Years Ago at the SFARC

Gary Cunningham, KQ6RT

REPEATERS

145.430 (-0.6 MHz/PL 162.2)
440.575 (+5.0 MHz/PL 94.8)
223.860 (-1.6 MHz/PL [none])

CLUB NET

All welcome to check in
Thursdays, 7:30PM, K6ARR/R
145.430

CLUB MEETINGS

Second Friday of the month,
7:30PM at the Auburn
Library, 350 Nevada St,
Auburn

CLUB BREAKFAST

Last Sat of the month at
Susie's Café, Cirby at
Riverside, Roseville - 8:00 AM

NET CONTROL OPS

Dave Jenkins, WB6RBE
Gary Cunningham, KQ6RT
Joe Sylvia, KF6OQY
Wayne Mikel, KE6DJE

WEBMASTER

Chris Wright, KF6OGD
wingman@newworld.net

NEWSLETTER EDITOR

Fred Jensen, K6DGW
VOX: 530.885.8251
FAX: 530.745.9622
k6dgw@arrl.net

2002 Calendar of Events

(Operating Events in Italics)

<i>Jan 5-6</i>	<i>ARRL RTTY Round-Up</i>
Jan 11	Regular Club Meeting
<i>Jan 19-21</i>	<i>ARRL VHF Sweepstakes</i>
Jan 26	Club Breakfast
Feb 8	Regular Club Meeting
<i>Feb 16-17</i>	<i>ARRL Int'l DX (CW)</i>
Feb 23	Club Breakfast
<i>Mar 2-3</i>	<i>ARRL Int'l DX (Phone)</i>
Mar 8	Regular Club Meeting
Mar 30	Club Breakfast
Apr 12	Regular Club Meeting
Apr 27	Club Breakfast

IN THIS ISSUE

Officers' Reports

Christmas Dinner Recap

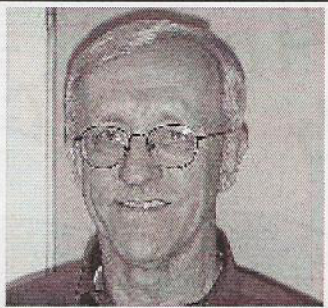
ARES Report

2002 SFARC CD Available

News for HTML Downloaders

From the President's Shack

**Richard
WA6RWS**



Happy New Year to each one of you and your family.

December turned out to be quite hectic. I purchased a new house and have been moving since November 30th. I hope it ends soon!! As the incoming president, I want to thank everyone for your vote of confidence. I hope we can do as well as Matt and his officers did this past year. Thanks to Matt and all the officers and board of directors for a great year. We have a great group to serve you this year. Of course the club will only be as good as participation by the members. So, if you can help in some way, please contact myself, or any of the officers, and we will put you to work. Eldred will chair the January meeting, as I will be out of town for several weeks. He has lined up some great speakers, starting in January. Please contact any of the officers or board members for questions or comments. We are here to serve you this coming year.

73,

Richard, WA6RWS

Secretary's Report

**Steve
KF6OCE**



(Ed. Note: Steve was unable to attend the Christmas Dinner, however outgoing secretary Joe, KF6OQY, filed this report for the SFARC News)

Annual Christmas Dinner December 14, 2001

Well once again the club Christmas Party was a success and enjoyed by all who attended. We had turkey, ham, side dishes of dressing, several salads, hard boiled eggs, smokies and desserts. Coffee and soft drinks were also available. To add to all this we were entertained with music by Bill, KM6KV, and Shannon, KD6CMX.

We had four raffles, one for ladies only, one general raffle, and two grand prizes. The ladies grand prize of \$25 gift certificate at the Galleria was won by Linda (Mrs N7TK)

The grand prize for the Icom ICT7H was won by Patrick, N6PBM. Gary KQ6RT gave stuffed animals to kids of all ages. This was followed by a sing along of Christmas carols. Thanks to all who helped in setting up and tearing down the tables/chairs, decorating, and to those who helped in the kitchen.

Thank you Bill and Shannon for entertaining us. Wow it was a good party! Great job Debbie! Fifty two people attended this evening.

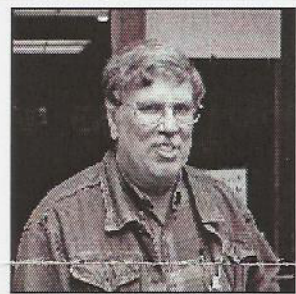
Well it's been two years since I took the secretary's job and where has the time gone? Without naming everyone, I want to thank all of the people that I have worked with for making my job easy and enjoyable. Congratulations to those who will be our officers for 2002.

Respectfully submitted,

Joe, KF6OQY
2001 Secretary

40 Years Ago At The SFARC

**Gary
KQ6RT**



Home of Sage Otow
January 10, 1962

Meeting was called to order by new President Dick Lund at 8:40 pm. Minutes of previous meeting was read and approved.

Jim Carmen reported that the old Naval Reserve Bldg. was being turned over to the Fair Board by January 30th and suggested that the club should take steps to take over immediately as there are many other departments like the C.D. Dept. and city recreation Dept. which are anxious to get in too.

Dick Lund read the club's annual report, prepared by the secretary, and many remarked that our activities were quite numerous and much was accomplished in 1961.

We are still in favor of holding a Code and Theory class as soon as we acquire a permanent location.

Discussion was held on Field Day and Lin Hunter was appointed to supervise the program, and Otto Ruud the location.

At this time the club members were reintroduced to George Lambert, who is unable to attend our meetings regularly.

There are favorable plans for a club station with equipment that will probably be donated.

Bob Richier, our new program chairman, brought equipment from where he works and made a demonstration which proved very interesting and informative.

A drawing was held on some gear brought by Jim Carmen. Otto Ruud, and Puffy Rogers were the winners.

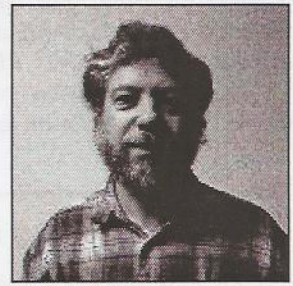
Meeting was adjourned at 9:40 pm, and refreshments were served.

Respectfully Submitted,
Sage Otow, Secretary

73,
Gary, KQ6RT

Amateur Satellites

**Greg
KO6TH**



(Ed. Note: Greg was unable to complete his column this month, however the following might likely be something he would have written about)

AO-40 Status (Courtesy AMSAT-NA)

Command station team member Stacey Mills, W4SM, tells ANS of the latest AO-40 developments:

AO-40's schedule has been modified slightly to reflect the decreasing ALON. As expected, the satellite has lost sun sensor lock, so we are now officially in the 'dead zone'.

As the ALON for AO-40 continues to decrease, command stations have moved the scheduled events to earlier in the orbit including changes in the RUDAK window, S/K beacon and transponder off settings. Squint angles are getting quite poor in several parts of the orbit. Currently, to save power, the passbands will be turned off at various times reflecting this situation. In addition, RUDAK will be off for 4-5 days. Stay tuned for further developments.

AO-40 is experiencing some intermittent RADAR-type pulse signal interference on both L and U-band. Whether this is related to our negative ALAT or some other source is unknown. Indeed, the source of the interference, whether terrestrial or space, is unclear to the command team. Virtually all Earth footprints seem to be affected at various times, suggesting either multiple terrestrial sites or a space site as the source.

Although this interference is not noticeable on the passbands, (except perhaps for the SSTV images), it often makes commanding AO-40 very difficult. Interestingly, the V-band receiver does not seem to be affected. Accordingly, the command team may occasionally need to switch on the V-band receiver for commanding during a passband usage. This move has the effect of switching off the U-band receiver. Therefore, U-band uplinks may occasionally "go dead" due to V-band receiver commanding. These inconveniences should be of short duration.

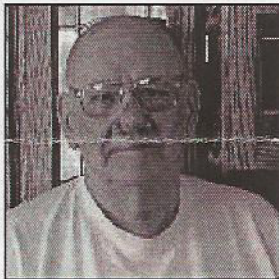
If stations suddenly lose the U-band uplink, check AO-40's telemetry for U-Rx off and the V-Rx on. L-band uplinks will not be affected.

The current AO-40 transponder operating schedule and more information are available via the AMSAT Web site <http://www.amsat.org>.

73,
Greg, KO6TH

VE Report

**Bob
W6SUP**



Volunteer Examiner Report

Exam Dates for 2002

Jan 9	Feb 13
Mar 13	Apr 10

Bob and Jerri plan to conduct exams once a month on the second Wednesday evening. Pre-registration is required. Contact Bob, W6SUP, or Jerri, K6GKR, for more information.

Special arrangements and dates can be made to accommodate the disabled, including conducting tests at home.

73,
Bob, W6SUP
511 Oak St.
Roseville, CA 95678
916.783.7610
w6sup@rsvl.net

(Another Ed. Note: For the "space challenged" among us, V-band is 144 MHz, U-band is 430 MHz, L-band is 1.2 GHz, and S-band is 2.4 GHz. RUDAK is a German acronym for the digital transmission system aboard AO-40. See last SFARC News issue for an explanation of ALAT and ALON)

Coming Ham Events

Foothill Flea Market - 2nd Saturday of each month from March through October at Foothill College, Los Altos.

Livermore Swap Meet - 1st Sunday of each month at Las Positas College in Livermore, 7:00 AM to noon, all year. Talk in 147.045 from the west, 145.35 from the east. Contact Cliff Chiba, KF6EII, larkswap@usa.com

RadioFest 2002. Saturday, Feb. 16, 2002, 7:00AM to 3:00PM at the General Stilwell Community Center, Ord Military Community, 4260 Gigling Road, Seaside, CA. Talk-in 146.97- PL 94.8. Sponsored by the Naval Postgraduate School Amateur Radio Club. See <http://www.k6ly.org/radiofest> for additional details.

Sunshine Report

Jerri
K6GKR



No news from Jerri, which is good news for us.

Annual SFARC Christmas Dinner

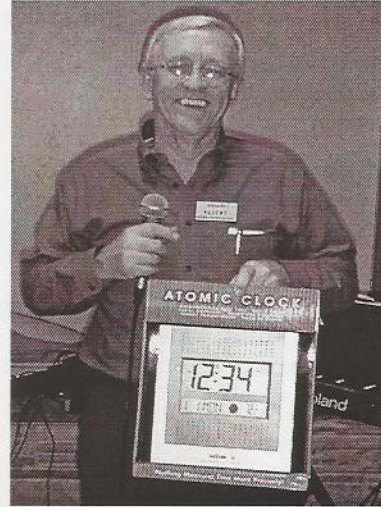
The club held its annual Christmas Dinner on Friday, December 14, 2001 at the Auburn Recreation Park facilities. As before, the club furnished the main course items of turkey and ham, as well as the soda, coffee, and tea. Side dishes, salads, and desserts were contributed by the attendees.



The event was attended by over 50 members and their families, and musical entertainment for the evening was provided by Bill, KM6KV, and Shannon, KD6CMX, and included a Christmas Sing-Along. Shannon

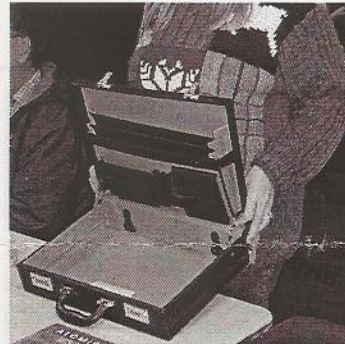
demonstrated the instrument she is playing in the photo, which will produce the sound of many wind and brass instruments.

Richard, WA6RWS, our 2002 President presided, and was also the winner of the Atomic Clock, which he said he'd always wanted. Apparently, instead of causing the user to glow in the dark, it contains a 60Khz receiver, and updates its time from WWVB periodically.



We had raffles for the ladies as well, and Linda, wife of our incoming Director, Roger, N7TK, was a big winner in that division.

Raffle prizes ranged from a briefcase to various items found around the house. The really big winner of the evening was



Patrick, N6PBM, who took the Grand Prize, an ICOM IC-T7H home with him.



Thanks to all for a great dinner and evening.



Amateur Radio Emergency Service

Reported by
Wayne Mikel, KE6DJE
Placer County EC

ARES – What Is It: In a nutshell ARES is YOU! ARES stands for Amateur Radio Emergency Service. Now we all know that the radios don't do anything on their own, and that is precisely where YOU the radio operator comes into play. The American Radio Relay League (ARRL) organizes ARES, but you don't need to be a member of the ARRL to be a member of ARES.

ARES members respond to help supply auxiliary communications in cases of emergencies. Placer County team members were a part of last years Martis Fire providing communications at the Hirschdale Staging Area east of Truckee CA. as well as to Sutter Roseville and Auburn Faith Hospitals for the yearly statewide drills and also to the Office of Emergency Services of Placer County, and Red Cross Shelters.

What does all this have to do with you? Well, we are always looking to add to the membership of the county ARES unit, and any licensed amateur radio operator is welcome.

What training is involved? That is the easy part, because we know you all have busy home lives we meet once a month on the air for a "Training Net" and meet once per quarter for a general meeting and training.

If you think ARES is for you please contact Wayne Mikel KE6DJE at ke6dje@arrl.net or at:

PO Box 1142
Lincoln, CA. 95648-1142
916.645.0565

73,
Wayne, KE6DJE

National Ham News

(From the ARRL)

ARRL Study Panel Recommends Eliminating Novice Bands

The ARRL Novice Spectrum Study Committee has recommended that the ARRL petition the FCC to eliminate the Novice CW subbands and allow Novice and Technician with Element 1 credit licensees to operate CW on the General 80, 40, 15 and 10-meter CW allocations at up to 200 W output. The panel suggested recognizing portions of those bands for "slow CW operation" to aid new CW operators in enhancing their skills. The committee recommended refarming the current Novice/Tech Plus subbands, in part to allow expansion of the phone allocations on 80, 40 and 15 meters.

The committee's complete report will be presented to the ARRL Board of Directors for consideration during its annual meeting in January. The committee's determinations were based on opinions expressed by 4744 respondents to an ARRL Novice Spectrum Study survey launched in June. Those expressing their opinions included ARRL members and nonmembers. Nearly 61% of those responding were Extra class licensees.

The committee, chaired by ARRL International Affairs Vice President Rod Stafford, W6ROD, has been studying the status and usage of the Novice/Technician Plus HF bands with an eye toward determining appropriate changes in usage of that spectrum now that the FCC no longer issues new Novice licenses. A guiding principle was that no class of licensees would lose any privileges as a result of refarming.

The committee recommended expanding the phone bands in accordance with the most popular of the survey choices offered--three for 80, 40 and 15 meters and two for 10 meters. Here's a summary:

- On 80 meters, nearly 40% of those responding opted for a plan that would extend the US phone allocation to 3700 kHz, with Extras permitted on the entire subband, and with Advanced and General class subbands starting at 3725 and 3800 kHz respectively.

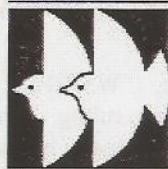


4755 Pacific St., Rocklin, CA 95677-2407
Manager: Randy Erwin
TEL: 916.624.0641 / FAX: 916.624.5249
<ur29@unitedrentals.com>

**MAJOR SPONSOR OF
THE SFARC FIELD DAY!**

HAVALARK

WORLDWIDE TRAVEL



TRAVEL
Since 1976

Let us help you plan your next trip.
We are consultants for cruises, tours,
and destinations all over the planet.

Experience makes the difference!

530-823-7595 • 800-660-7595

Auburn Town Center • 354 Elm @ 1-80

Email: havalark@jps.net
Web site: www.havalark.com

**Contact Tim Woodburn, W6TJW
530.823.7595**

- On 40 meters, nearly half of the respondents picked the plan to extend the primary US phone allocation to 7125 kHz, with Extra and Advanced licensees allowed on the entire segment and Generals from 7175 kHz and up. (The committee's report suggested no changes to the special allocations for amateurs on certain Pacific or Caribbean islands and in Alaska.)
- On 15 meters, nearly half of those responding wanted the US phone allocation extended to 21175 kHz, with Extras permitted on the entire allocation, and Advanced and General subbands beginning at 21200 and 21250 kHz respectively.
- On 10 meters--where Novice and Tech Plus licensees already may operate CW, RTTY and data from 28100 to 28300 kHz, nearly 55% of the respondents favored a plan to retain the US phone allocation from 28300 to 29700 kHz and to extend CW access to Novice/Tech Plus operators to 28000 kHz--an additional 100 kHz. The current Tech Plus 28300 to 28500 kHz phone segment would be retained.

FCC Denial Leaves League Eyeing Congressional Action on CC&Rs

The FCC has affirmed a November 2000 staff-level decision that declined to include privately imposed deed covenants, conditions and restrictions--CC&Rs--under the limited federal preemption known as PRB-1. That policy requires municipalities to "reasonably accommodate" amateur communication in antenna-related zoning and regulation.

The ARRL last year appealed to have the full FCC review the earlier denial. The Commission turned down the League's Application for Review December 18 in a Memorandum Opinion and Order released December 26.

"There has not been a sufficient showing that CC&Rs prevent Amateur Radio operators from pursuing the basis and purpose of the Amateur Service," the FCC said. The Commission said hams still can get on the air without installing residential antenna systems by operating away from home, while mobile or at club stations.

The FCC said it recognizes the importance of preserving the integrity of contractual relations that CC&Rs represent. But it asserted that the ARRL had "submitted no specific evidence that would persuade us to abandon our long-standing policy of excluding CC&Rs in private covenants from our ruling in PRB-1."

ARRL President Jim Haynie, W5JBP, expressed disappointment in the Commission's ruling. "The biggest problem Amateur Radio operators face today is being able to put up an antenna," Haynie said. "Our only approach now is to get a bill into Congress."

The FCC itself even hinted that Congressional action ought to be a next logical step. "However, should Congress see fit to enact a statutory directive mandating the expansion of our reasonable accommodation policy," the FCC declared in its MO&O, "the Commission would expeditiously act to fulfill its obligation thereunder."

In its Application for Review last year, the ARRL maintained that the FCC should have the same interest in the effective performance of an Amateur Radio station and in the promotion of amateur communications regardless of whether the licensee's property is publicly regulated or privately governed by homeowners' associations and their architectural control committees.

A copy of the FCC's Memorandum Opinion and Order in RM-8763 is available on the FCC Web site, http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-01-372A1.doc

Antenna Modeling is Next ARRL Certification Program Offering

Building upon the success of its emergency communication courses, the ARRL Certification and Continuing Education (C-CE) Program will offer an on-line course in computerized antenna modeling. Program Coordinator Dan Miller, K3UFG, said the new course will open for registration soon.

"This course is designed to assist students in mastering the art and science of antenna modeling using computer software," Miller said. The course was developed by L.B. Cebik, W4RNL, and course content was edited by ARRL Senior Assistant Technical Editor (and antenna guru) Dean Straw, N6BV. At least initially, the antenna modeling course will be offered once per month for up to 50 registrants. The course is scheduled to take 12 weeks to complete. The fee will be \$80 for ARRL members and \$120 for nonmembers.

While Miller doesn't expect demand for the antenna modeling course to come anywhere near that for the emergency communications series, he's hoping it will be popular enough to eventually spin off a "live" classroom course.

Since the introductory Level I emergency communication course was offered for the first time one year ago this month, the popular series has expanded to three levels, with the addition of the intermediate and advanced courses. Miller reports that more than 1600 students have signed up for seats in one or more of the series, and registrations for both on-line and live classes spiked in the wake of the September 11 terrorist attacks.

**THE
RADIO
PLACE**

**Ham Equipment
and Supplies**

• Yaesu
• Kenwood
• Icom
• MFJ
• & many more

5675-A Power Inn Rd (at Fruitridge)
916.387.0730
www.radioplace.com

"It exceeded my expectations of one year ago," Miller said. He said he also was pleased to be able to offer the Level II and Level III classes this year.

Next on tap for the ARRL C-CE Program is a course on HF digital communications, which will become available early next year. The Certification and Continuing Education Program is seeking HF digital mode aficionados to beta test the course and to serve as mentors to students taking the initial classes.

To learn more, visit the ARRL Certification and Continuing Education Web page <http://www.arrl.org/cce> and the C-CE Links found there. For more information, contact C-CE Coordinator Dan Miller, K3UFG, cce@arrl.org

And speaking of the Emergency Communications Course ...

Amateur Radio Emergency Communications Course January registration: Beginning in January 2002, registration for the Amateur Radio Emergency Communications Level I course (EC-001) will open on the first Monday, January 7; registration for Level II (EC-002) will open on the second Monday, January 14; and registration for Level III (EC-003) will open on the third Monday, January 21. Courses must be completed in order, starting with Level I.

To learn more, visit the ARRL Certification and Continuing Education Web page <http://www.arrl.org/cce> and the C-CE Links found there.

For more information, contact Certification and Continuing Education Coordinator Dan Miller, K3UFG, cce@arrl.org

FCC Denies Special Call Signs for the 2002 Salt Lake City Olympics

The FCC has denied a request from a Utah amateur to permit hams in that state to identify using a special prefix during the upcoming Winter Olympics in Salt Lake City.

D'wana R. Terry, chief of the Public Safety and Private Wireless Division within the Wireless Telecommunications Bureau, told Thomas M. Schaefer, NY4I, that his request was "inconsistent with the international Radio Regulations" and could not be granted. Schaefer had asked the FCC to authorize hams in Utah to substitute the numerals "02" or "2002" for the numeral "7" when identifying on the air (Schaefer, with a numeral "4" in his own call sign could not have taken advantage of his own proposal, had it been granted).

He noted that a similar waiver of the FCC's rules was permitted in 1996 for the Atlanta Olympics. Terry pointed out that the special temporary authority granted for the Atlanta games covered all amateurs in Georgia, while Schaefer's proposal for the Salt Lake City games would only cover hams with a numeral "7" in their call signs.

She said rules applying to waivers have changed significantly since then, and Schaefer's request doesn't fall under the newer guidelines. She recommended hams take

advantage of the special event call sign system or the provisions of Section 97.119 (c) of the rules, which permits the use of self-assigned indicators.

K1D On The Air for Kid's Day

Special event station K1D, operated by Peter and Jeanne Schipelliti, W1DAD and K1MOM, in New Hampshire, will be on the air starting Saturday, December 22, 2001, and continuing for the next two weeks to encourage participation in Kid's Day <http://www.arrl.org/FandES/ead/kd-rules.html>.

The next Kid's Day is January 5, 2002, 1800-2400 UTC. Look for K1D on or around 3895, 14,270, 21,370 and 28,370 kHz. QSL to 7 Dearborn Ridge Rd, Atkinson, NH 03811. A free (via e-mail) K1MOM Amateur Radio Coloring Book for children—including operating aids for Kid's Day, log sheet, WAS map to color in and phonetic alphabet—is available from Jeanne Schipelliti, k1mom@arrl.net.

Attention HTML Downloaders of SFARC News

With the new year, we have a new set of static graphics for the HTML version of the SFARC News, and this means that you will need to download these files once again. The downloadable HTML version, which is much smaller than the MS Word 97 version, can be found at:

<http://home.pacbell.net/andreaq/SFARCHome.htm>

World Famous SFARC CD Available

The coveted SFARC CD will be available at the January meeting, and thereafter. This CD will contain all of the contents of the 2000 CD, plus all of the news letters, pictures and other material from all of 2001. Only a few of the pictures on the CD are published in the newsletter due to space constraints.

New copies of the CD are \$1.00 to cover the cost of the CD blanks. Send an email to k6dgw@arrl.net requesting a CD and I'll either have it for you at the meeting or mail it to you at your request. If you have a copy of the 2000 CD, bring it to the meeting and I'll add the 2001 information and mail it back to you.

Copyright, 2000 All Rights Reserved.

The SFARC Newsletter is published monthly by the Sierra Foothills Amateur Radio Club for the information of its members and friends. The newsletter is distributed via the US Mail and email, and is posted to the SFARC web site. Permission is granted to non-profit amateur radio organizations to reproduce text verbatim with attribution. Use of images is prohibited without prior written approval of the SFARC and all individuals pictured in the images. Logos are the property of the represented organization and may not be used without permission. Contact the Editor for further information.

**SIERRA FOOTHILLS AMATEUR RADIO CLUB
2001 MEMBERSHIP APPLICATION**

Name: _____ Call: _____ Class: _____

Address: _____ City: _____ State: _____ Zip: _____

Associate Name: _____ Call: _____ Class: _____

Phone Number: _____ Application: (Circle One) New Renewal

Member Dues: Circle Amounts That Apply.

Applications received in the middle of the year will be pro rated. Contact the President or Treasurer for exact rate.

Membership:	\$22.00	Name Badge:	\$5.50	
Associate:	\$ 7.00	Repeater Donation:	\$ _____	
ARRL	\$38.00	Auto Patch Donation:	\$ _____	
ARRL (Spouse)	\$ 5.00	Newsletter Booster:	\$ _____	
ARRL (Special)	\$28.00	Worldradio Renewal:	\$ _____	TOTAL: \$ _____

NOTE* Renewing your ARRL membership through the Club earns the Club money with no additional cost to you. To renew your ARRL membership through SFARC, make check payable to SFARC and mail to P.O. Box 1005, Newcastle, CA 95658.

OFFICE USE ONLY:

DO NOT WRITE BELOW THIS LINE

Date: _____ Treasurer: _____ Secretary: _____ Roster: _____

Payment: _____ Check Number: _____ Cash: _____

SIERRA FOOTHILLS AMATEUR RADIO CLUB

P.O. Box 1005

Newcastle, CA 95658

