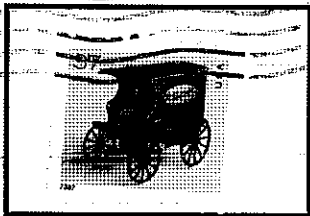


Calendar of Events

Feb 4	Wed	5:30 PM 7:30 PM	Dinner at Marie Callenders, 2460 Mendocino Ave, Santa Rosa SCRA Meeting, Luther Burbank Art & Garden Center, 2050 Yulupa Avenue, Santa Rosa
Feb 6	Fri	7:30 PM	Marin ARC Meeting, Alto Clubhouse, 27 Shell Road, Mill Valley
Feb 7	Sat	10:00 AM	Red Oak Victory ARC Meeting, Point Richmond
Feb 11	Wed	6:30 PM	SCRA Board of Directors Meeting
Feb 14	Sat	9:00 AM	VE Test Session - VOMARC - McDougall Hall, Sonoma Developmental Center, Eldridge For more information contact: www.vomarc.com
Feb 17	Tues	7:30 PM	Hamilton Wireless Assoc., Bldg 549, Hamilton Field, Novato
Feb 18	Wed	7:00 PM Wed 7:30 PM	REDXA Meeting, Carrow's, Petaluma Valley of the Moon ARC Meeting, McDougall Hall, Sonoma Developmental Center, Glen Ellen.

Sonoma County Radio Amateurs, Inc.
P. O. Box 116
Santa Rosa, CA 95402-0116

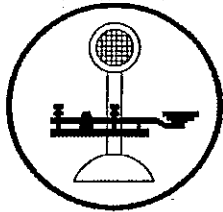
RETURN SERVICE REQUESTED
Time Sensitive Material - Please Deliver Promptly



Expires: 03/01/2004

John Breckenridge II
574 Wild Oak Dr
Windsor CA 95492

WB6FRZ



Club Station
W6LFJ

Short Skip

newsletter of the

Sonoma County Radio Amateurs, Inc.

P. O. Box 116, Santa Rosa, CA 95402-0116
(707) 579-9608

<http://www.sonomacountyradioamateurs.com>

Repeaters

146.985- • 146.73- • 224.48- • 441.375+



Repeater Station
W6SON

Volume 29 Number 2

February 2004

Brian's Brain Dump

by
Brian Torr N6IIY
SCRA President



First off, I would like to thank all of you that volunteered ideas for future meeting programs. There were several new ideas suggested along with some that were already under consideration. I think we will all enjoy this February's program, The Future of Amateur Radio, to be presented by Andy Oppel, N6AJ0, the Pacific Division Vice Director. I have heard good reviews of this presentation.

Speaking of volunteering, I am in the process of seeking out volunteers for the Activities Chairperson and the Public Service Chairperson. Hopefully I will have identified some nominees for these appointments by the time you read this. These are vital positions for SCRA, and the chairpersons cannot do the job by themselves. With a little help from each of us, their job will be much easier and the events will go much smoother. Please offer your support.

On January 12, I attended the ARES face-to-face meeting, the topic of which was Packet Radio. The turnout was great. Bill, KH6GJV, and Gregory, AC6VJ, did a good job of demonstrating how packet radio worked (albeit over a distance of less than 30 feet!). And, assuming they couldn't cover that distance, they demonstrated how they could digipeat through my portable packet station located midway between them. Bill also demonstrated how a packet mailbox worked. Bill mentioned how packet radio activity has dropped significantly over the past few years, and he demonstrated this very nicely when, aside from the message he was using to demonstrate packet

(continued on page 3)

ARRL TO PROPOSE NEW
ENTRY-LEVEL LICENSE, CODE-FREE
HF ACCESS

The ARRL will ask the FCC to create a new entry-level Amateur Radio license that would grant HF phone privileges without a Morse code test. The League also will propose consolidating all current licensees into three classes, retaining the Element 1 Morse requirement--now 5 WPM-only for the highest class. The ARRL Board of Directors overwhelmingly approved the plan January 16 during its Annual Meeting in Windsor, Connecticut. The proposals, put forth by the ARRL Executive Committee, were in response to changes made in Article 25 of the international Radio Regulations at World Radiocommunication Conference 2003 (WRC-03).

"Change in the Amateur Radio Service in the US, especially license requirements and even more so when Morse is involved, has always been emotional," said ARRL First Vice President Joel Harrison, W5ZN, in presenting the Executive Committee's recommendations. "In fact, without a doubt, Morse is Amateur Radio's 'religious debate.'" Harrison said the League's proposal would provide "a true entry-level

(continued on page 4)

DUES ARE DUE!

Yes, it's that time of year again. The SCRA dues for the 2004-2005 fiscal year are due. The dues are **\$24 per year for individual members** and **\$36 per year for a Family membership**. If you are a current SCRA member, a renewal envelope is included in the February issue of *Shortskip* to make it easy to send in your dues. Please take a couple of minutes and complete the membership information on the envelope flap so that we can update the roster. If the envelope is missing, please use the membership application on the inner last page. *Thanks!*

2004 Club Officials

President	Brian Torr	N6IYY	707 575-5871
Vice President	John Mullan	KD2L	707 575-9176
Secretary	Walter Masten	KG6OXW	707 577-0711
Treasurer	Jim Lee	KE6VGV	415 892-0317
Director	Randy Black	KE6VMZ	707 546-0723
Director	Greg Gordon	AC6VJ	707 523-7077
Past President	Bill Hillendahl	KH6GJV	707 544-4944

Activities Chairman
Public Service Chairman
Repeater Chairman

Greg Gordon AC6VJ 707 523-7077

Short Skip & Web Staff

Editor	Bill Hillendahl	KH6GJV	707 544-4944
Hank's Swap Shop	Jeff Basham	KK6JAB	707 542-3860
Web Master	Jeff Basham	KK6JAB	707 542-3860

Contacts

Antenna Ordinance/Legal	Lee Dibble	KE6EAQ	707 544-1675
Public Relations	Bill McCall	W6WDM	707 538-2844
Raffles	Karl Johnston	K6QMT	
Refreshments	Ted DeCroff	KB6PTA	707 542-4008
Volunteer Exam Liaison	John Mullan	KD2L	707 575-9176

SCRA Hotline 707 579-9608

SCRA E-Mail scra@sonomacountyradioamateurs.com

SCRA Web Site <http://www.sonomacountyradioamateurs.com>

Tuesday Night Net

Check in to the SCRA net each **Tuesday** evening on the **146.985-(PL 88.5)** repeater at **7:00 PM**. Announcements are made of upcoming SCRA and other amateur radio activities in the area and what is listed in Hank's Swap Shop. You will also hear the weekly *Amateur Radio Newsline* broadcast.

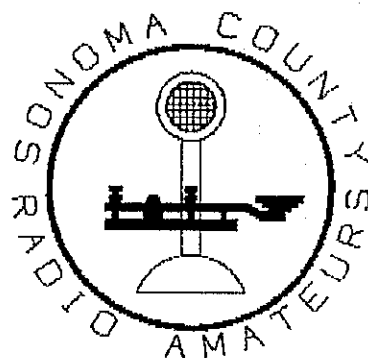
Short Skip Advertising Rates

Business Cards	\$ 12
1 st Quarter Column	\$ 13
Each Addn'l Quarter Column	\$ 4
Full page (one side)	\$ 35
Pre-printed inserts (each)	\$ 35

Guaranteed circulation of 150 per month!
For more information, contact the Editor.

HUNGRY BEFORE
THE MEETING?

JOIN US FOR DINNER! We meet at Marie Callenders restaurant, 2460 Mendocino Avenue (corner of Mendocino & Chanate), Santa Rosa. People start showing up at 5:30 PM. No RSVP is required! See you there! (Except December!)

NEXT MEETING
February 4th
7:30 PM

Program:

License Restructuring II
by
Andy Oppel N6AJ0
ARRL Pac Div Vice Director

(see article)

CLUB MEETINGS

The club normally meets the first Wednesday of each month. This month's meeting will be at:

**Luther Burbank Art
& Garden Center**
2050 Yulupa Avenue
Santa Rosa, CA

The meeting starts at 7:30 PM

ALL ARE WELCOME!

Please join us at our next meeting. Anyone interested in Amateur Radio may be eligible for membership. A membership application is included in this newsletter.

For more information, contact any SCRA officer, director or member.

CONTEST CORNER by Kevin Alt, K6BSG

Hello testers. For this month, the big guns will be participating in the ARRL DX International Contest, CW - 21-22 February. You might also want to try the CQ WW 160 meter SSB contest 28-29 February. Happy DX'ing.

31 Jan - 9 Feb - **6-Meter Mileage Marathon** - WSJT modes.

See: <http://6mt.com>.

1 Feb - **North American Sprint** - CW, 80-20 meters.

See: <http://www.ncjweb.com/>.

3 Feb - **Spartan Sprint** - CW, 80-10 meters. See: <http://www.arsqr.com/>.

7 Feb - **Minnesota QSO Party** - CW/Phone, 160-10 meters.

See: <http://www.w0aa.org/>.

7-8 Feb - **XE International RTTY Contest**, 80-10 meters.

See: <http://www.fmre.org.mx/>.

7-8 Feb - **Vermont QSO Party** - CW/Phone/Digital, 160-10 meters and VHF/UHF. See: Davidca@wpgate1.ahs.state.vt.us.

CHARLES J. TARR

Attorney at Law

WA6VAG

REPRESENTING CONSUMERS AND SMALL BUSINESSES,
INJURED PEOPLE AND THOSE ACCUSED OF CRIME

411 RUSSELL AVENUE
SANTA ROSA, CALIFORNIA 95403
(707) 546-5858

7-9 Feb - **Delaware QSO Party** - CW/Phone/Digital/RTTY, 160-10 meters.

See: www.fsarc.org.

8 Feb - **FYBO (Freeze Your Butt Off) Winter QRP Field Day** - CW, HF bands. See: <http://www.extremezone.com/~nk7m>.

8 Feb - **Ten-Ten International Winter Phone QSO Party** - 10 meters only. See: <http://www.ten-ten.org/>.

8 Feb - **North American Sprint** - SSB, 80-20 meters.

See: <http://www.ncjweb.com/>.

8 Feb - **QRP ARCI Winter Fireside SSB Sprint**, 80-10 meters.

See: <http://2hams.net/ARCI/index.htm>

8-9 Feb - **Classic Exchange** - CW/Phone, 160-10 meters.

See: <http://qsl.asti.com/CX>.

9-14 Feb - **School Club Roundup** - all modes, all bands except 30, 17, and 12 meters. See: <http://www.arrl.org/contests/announcements/scr.html/>.

14 Feb - **Asia-Pacific Sprint** - CW, 20 and 40 meters.

See: <http://jsfc.org/apsprint/aprule.txt>.

14 Feb - **FISTS CW Winter Sprint** - CW, 80-10 meters.

See: <http://www.fists.org/>.

14-15 Feb - **CQ World Wide RTTY WPX Contest**, 80-10 meters.

See: <http://www.cq-amateur-radio.com/>.

14-15 Feb - **RSGB 1.8 MHz Contest** - CW. See: <http://www.rsghfcc.org/>.

14-15 Feb - **Dutch PACC Contest** - CW/SSB, 160-10 meters.

See: <http://www.dutchpacc.com/>.

14-15 Feb - **OMISS QSO Party** - SSB, 80-10 meters.

See: <http://www.omiss.net/>.

21-22 Feb - **ARRL International DX Contest**, CW.

See: <http://www.arrl.org/contests/rules/2004/intldx.html>.

21-22 Feb - **YL International QSO Party** - CW, 160-10 meters.

See: <http://www.qsl.net/yl-issb/>.

22-23 Feb - **CQC Winter QSO Party** - CW/Phone, 160-10 meters.

See: <http://www.cqc.org/contests/winter04.htm>.

28-29 Feb - **REF French Contest** - Phone, HF Bands.

See: <http://www.ref-union.org/concours/>.

28-29 Feb - **CQ WW 160-meter SSB Contest**.

See: <http://www.cq-amateur-radio.com/infoc.html>.

28-29 Feb - **UBA Contest** - CW, 80-10 meters. See: <http://www.uba.be/>.

28-29 Feb - **Mississippi QSO Party** - CW/Phone, 80-10 meters. For more information: w5xx@vicksburg.com.

29 Feb - 1 Mar - **North Carolina QSO Party** - CW/Phone, 80-10 meters.

See: <http://www.w4nc.com/>

Sonoma County Radio Amateurs, Inc.

Membership Application

New [] Renewal []

Please Print Clearly

Name _____ Call Sign _____ License Class _____ Date _____

Address _____ Hm Phone _____ Wk Phone _____

City/State _____ Zip _____ E-Mail _____

ARRL Member? [] Yes [] No

Dues & Fees: (SCRA dues year is from 3/1 to 2/28)

Individual/Associate Member	\$ 24 (\$6.00/qtr)
Family Membership	\$ 36 (\$9.00/qtr)
Under 18 Membership	\$ 12 (\$3.00/qtr)
Badge	\$ 7

Badge Information

Call Sign _____
First Name _____
City _____

Payment Calculations:

Make checks payable to SCRA

Dues - Full Year (3/1 to 2/28)	\$ _____
Dues -	
Prorated _____ Qtrs. X \$ _____ /qtr	\$ _____
Badge	\$ _____
Other - _____	\$ _____
Donation	\$ _____

Total \$ _____

Mail to: SCRA, P. O. Box 116, Santa Rosa, CA 95402

ARRL PROPOSAL (continued from page 1)

license with HF privileges" to promote growth in the Amateur Service.

The League says its proposal would continue a process of streamlining the amateur licensing structure that the FCC began more than five years ago but left unfinished in its Amateur Service license restructuring Report and Order (WT 98-143) that went into effect April 15, 2000.

A new entry-level license class--being called "Novice" for now--would require a 25-question written exam. It would offer limited HF CW/data and phone/image privileges on 80, 40, 15 and 10 meters as well as VHF and UHF privileges on 6 and 2 meters and on 222-225 and 430-450 MHz. Power output would be restricted to 100 W on 80, 40, and 15 meters and to 50 W on 10 meters and up.

"The Board sought to achieve balance in giving new Novice licensees the opportunity to sample a wider range of Amateur Radio activity than is available to current Technicians while retaining a motivation to upgrade," said ARRL CEO David Sumner, K1ZZ. The ARRL plan would grandfather current Novice licensees into the new entry-level class without further testing.

The middle group of licensees--Technician, Tech Plus (Technician with Element 1 credit) and General--would be merged into a new General license that also would not require a Morse examination. Current Technician and Tech Plus license holders automatically would gain current General class privileges without additional testing. The current Element 3 General examination would remain in place for new applicants.

The Board indicated that it saw no compelling reason to change the Amateur Extra class license requirements. The ARRL plan calls on the FCC to combine the current Advanced and Amateur Extra class licensees into Amateur Extra, because the technical level of the exams passed by these licensees is very similar. New applicants for Extra would have to pass a 5 WPM Morse code examination, and the written exam would stay the same. Sumner said the Board felt that the highest level of accomplishment should include basic Morse capability. Current Novice, Tech Plus and General licensees would receive lifetime 5 WPM Morse credit.

Among other advantages, Sumner said the plan would allow new Novices to participate in HF SSB

emergency nets on 75 and 40 meters as well as on the top 100 kHz of 15 meters. The new license also could get another name, Sumner said. "We're trying to recapture the magic of the old Novice license, but in a manner that's appropriate for the 21st century."

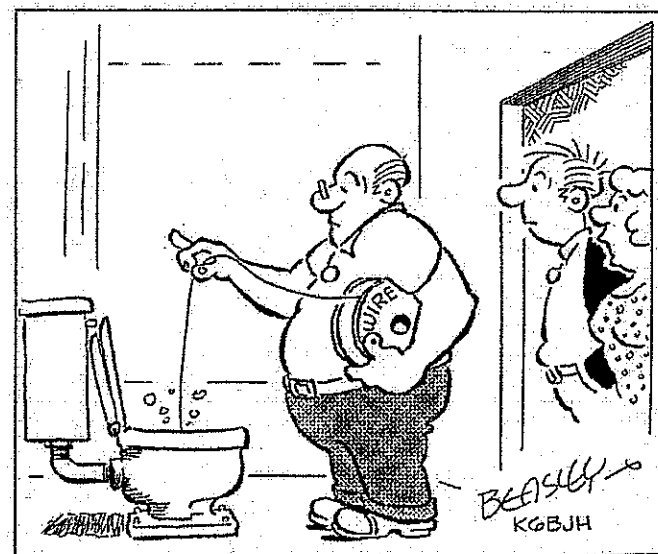
The overall proposed ARRL license restructuring plan would more smoothly integrate HF spectrum privileges across the three license classes and would incorporate the "Novice refarming" plan the League put forth nearly two years ago in a Petition for Rule Making (RM-10413). The FCC has not yet acted on the ARRL plan, which would alter current HF subbands.

The ARRL license restructuring design calls for no changes in privileges for Extra and General class licensees on 160, 60, 30, 20, 17 or 12 meters. Novice licensees would have no access to those bands.

See "ARRL to Propose New Entry-Level License, Code-Free HF Access" on the ARRL Web site, <<http://www.arrl.org/news/stories/2004/01/19/1/>>, for the specific subband allocations ARRL is proposing for each class.

The amateur community and other interested parties will have an opportunity to comment on the ARRL proposal once the League formally files a Petition for Rule Making and the FCC puts it on public notice.

From ARRL Letter



HE'S HOPING THAT IF HE FEEDS ENOUGH OF THAT DOWN THERE, HE'LL HAVE A GOOD GROUND FOR HIS SHACK!

From "The Best of Beasley" Worldradio Books

FEBRUARY PROGRAM

Join us on **Wednesday, February 4th at 7:30 PM** to hear ARRL Pacific Division Vice Director Andy Oppel N6AJ0 speak on the ARRL's proposal for Amateur Radio license restructuring and on the future of Amateur Radio. A brief description of the proposal is on page one of *Short Skip*. Please come with your questions and comments.

At the last meeting, the membership viewed the second part of the "Secret Wireless War: Black Propaganda" video. This part detailed the techniques of information and mis-information that was used to combat the Axis forces in WWII.

DUES INCREASE

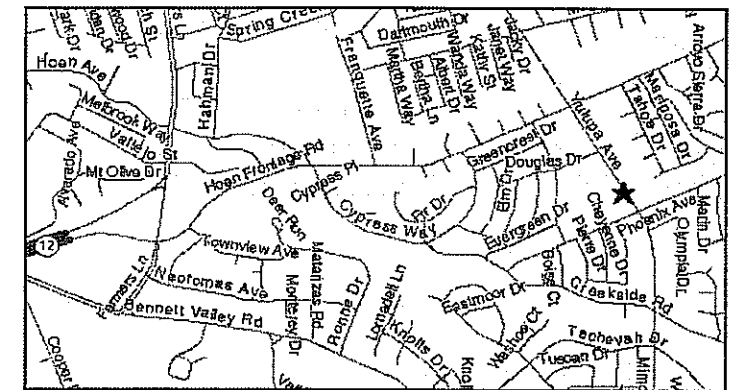
SCRA annual dues have been increased. Individual member dues are now \$24 per year. Family membership is now \$36 per year. Under 18 years old membership is \$12. Please use the dues envelope enclosed with this edition of *Short Skip* (hopefully it stayed in) to mail in the 2004-2005 dues. Please be sure to complete the renewal form on the flap of the envelope with the dues payment.

Brian's Brain Dump (continued from page 1)

mailboxes, the most recent message in his mailbox was dated 1998! If nothing else, this proves his TNC has a very capable memory backup system. I wish my VCR's memory backup was that good!

At our January Board of Directors meeting, it was decided that a dues increase was necessary for

Are you a budding author? Write an article for *Short Skip* on a Ham radio-related subject, technical or non-technical. E-mail the article to kh6gju@arrl.net. We'd love to see YOU in print!

**MEETING LOCATION**

Luther Burbank Art & Garden, 2050 Yulupa Ave, Santa Rosa (Bennett Valley)

2004. The yearly dues will now be \$24 per year. The increase was due in part to the cost of renting the Luther Burbank Arts and Garden Center for our monthly meetings. To my knowledge, SCRA never before had to budget rental for the monthly meetings. We will not ask those that paid \$20 for their 2004 dues at the January meeting to pay an additional \$4; they will be grandfathered in at the 2003 dues rate. But all future dues payments for 2004 will be \$24 per year.

73,
Brian, N6IHY

CDS Enterprises CDS Wireless Inc.
Highspeed Internet --- Commercial Voice Mail --- DISH TV

Steven Carniglia
President

725 Farmers Lane #17
Santa Rosa, CA. 95405

707.573.3500 888.593.7348
Fax: 707.573.3516
steve@cds1.net
www.cds1.net

RIVKIN RADLER
ATTORNEYS AT LAW

RICHARD C. O'HARE
REGISTERED PATENT ATTORNEY
(707) 525-5409
rick.ohare@rivkin.com

1330 NORTH DUTTON AVENUE
SUITE 200
SANTA ROSA, CA 95401-4646
TEL: (707) 525-5400
FAX: (707) 576-7955
www.rivkinradler.com

PARTS PROFESSIONALS // WHOLESALE-RETAIL // NO REPAIRS

BASHAM'S ELECTRONIC SUPPLY
345 West College Ave., Santa Rosa, CA 95401

Mon.- Fri. 8:00-5:30
Saturday 9:00-12:00
Sunday Closed

Steve Basham
OWNER

(707) 527-8000
(800) 675-7557
Fax (707) 527-1368



ARES Comm Log

by Rich Freitas KF6SZA
Sonoma County District
Emergency Coordinator

Tips For Net Control
Operators In An Emergency

Here are some tips that can be useful to net control operators during times of emergency. Most of these are common sense and have been mentioned before but, it never hurts to have a little reinforcement once in awhile.

1. It is highly desirable that the net control operator (NCO) be prepared for emergencies with a well thought-out go-kit. In this go-kit should be a list of frequencies of the local repeaters and the simplex frequencies commonly used by the ARES groups of the local communities.
2. There is a reason for the word "control" in the expression "net control operator." The NCO must maintain control of the frequency by being competent, confident, and aware of the environment – both the radio environment and the situation in the community at large as the emergency develops.
3. The NCO must prioritize the communications traffic on the frequency based upon the level of the emergency. Highest priority is to be given to situations where human life is at stake, next priority to non-life threatening injuries, then to incidents involving property damage. Routine (road) traffic reports and the like should be allowed on frequency only if there is no higher priority communications traffic at that time.
4. It is highly desirable for the NCO to take written notes during the emergency. That way the NCO will be able to efficiently and accurately match offers of help with needs that were previously requested.
5. To avoid misunderstandings, the NCO should use phonetics for important information, for example, street names having uncommon spelling.
6. If the frequency being used for the operation becomes too crowded, the NCO should establish subnets or one-off communications links on other frequencies. These might be simplex frequencies or other repeaters.
7. The NCO should try to follow pre-established procedures where possible, but this must be tempered by common sense. For example, if the pre-established procedure calls for everything to be submitted via a formal, signed, written request but a remote station with no packet capability is reporting, over a handheld, a live-threatening emergency, the report should be accepted by voice lest the victim's life be jeopardized while someone tries to find a packet radio.

These guidelines also apply to net control situations

for public service events; that is why they are such good training ground for emergency communications.

On A Lighter Note ... (Courtesy of Dave Thorne, K6SOJ)

NEW OFFICIAL EMCOMM MRE FIELD RATION:

Sandwich: SPAM and processed American Cheese on "squishy white bread" with Miracle Whip dressing and a pickle on the side.

Snack: Doritos Habanero Corn Chips

Beverage: Orange and/or Grape Soda

Dessert: OREO "Double Stuff" cookies

Vegetarian Option: Homogenized peanut butter (must contain at least 50% real peanut product) and grape jelly on "squishy white bread."

The APATHETIC AMATEUR RADIO CLUB MEETING has been canceled.

The PROCRASTINATORS EMERGENCY PREPAREDNESS CHAPTER MEETING has been postponed indefinitely.

AMATEUR RADIO OXYMORONS:

1. "Negative Copy"
2. "Mobile Station"
3. "Bootleg Ham"
4. "Wireless Cable"
5. "Mobile. No Traffic" (if you're in LA-LA Land)

What is a dipole?

- a. A bisexual tadpole.
- b. A Mexican chili-cheese dip. Ole!
- c. An antenna with two masts holding it up.
- d. A non-grounded half-wave doublet antenna.

What does "Can I get a radio check" mean?

- a. I would like a signal report.
- b. I don't know if my radio is working properly. Can someone come over to my house, bring some test gear, and check it out for me?
- c. I bought a new rig ... will I get my rebate check soon?
- d. How does this here rad-ee-yo sound down in yo' neck of the woods?

The weekly ARES net for the greater Santa Rosa area meets on Mondays at 7:30 PM on 146.835 MHz, - offset, 88.5 PL; it is currently linked to 444.900 MHz, + offset, 88.5 PL. All ARES members and guests are invited to check-in. Please join us.

Sonoma County Radio Amateurs, Inc.
Membership Meeting 1-7-2004
MINUTES

1. Call to Order, Verification of Quorum - The meeting was called to order by President Brian Torr N6IYY at 7:30 PM at the Luther Burbank Art & Garden Center. There were more than 25 people present.
 - a. Introductions
 - i. Officers and Directors - The club officers and directors introduced themselves.
 - ii. Program - Bill Hillendahl, KH6GJV with the second half of the video we watched a couple of months ago called The Secret Wireless War: Black Propaganda
 - iii. Visitors - There were no visitors at the meeting this month.
 - iv. New Calls and Upgrades - There were no new calls or upgrades this month.
2. Approval of Minutes - David W6IBC moved that the minutes of the November 5, 2003, meeting be approved as printed in Short Skip. The motion was passed.
3. Officer and Director Reports
 - a. President - Brian Torr, N6IYY - Brian mentioned that we have committee positions open and passed around a form to get meeting program ideas.
 - b. Vice President - John Mullan, KD2L was not present
 - c. Secretary - Walter Masten, KG6OXW - Please look through the membership badges to see if you have not picked yours up.
 - d. Treasurer - Jim Lee, KE6VGV - Jim reported that we have \$2,928 in our savings account and \$3,834 in our checking (\$2,000 Comm Van account and the balance is for our operating expenses).
 - e. Directors
 - i. Randy Black, KE6VMZ - Nothing to report
 - ii. Gregory Gordon, AC6VJ - Nothing to report
 - iii. Past President - Bill Hillendahl, KH6GJV - Bill Started a fundraiser with the sale of computer shelves. They were practically donated to us and are being offered for sale for \$25. The proceeds will go to help with our legal expenses.
 - f. Committee Reports
 - a. ARES - Rich Freitas, KF6SZA - Rich reminded us that there is a face to face meeting at Lee Dibble's house on 1/12/04 at 7 PM for the Packet Radio program.
 - b. Mobile Comm Van - Gregory Gordon, AC6VJ - Greg reported that the Comm Van is getting the antenna supports installed.
 - c. Activities Committee - Josh Fiden, W6XU - Nothing to report
 - d. Newsletter - Bill Hillendahl, KH6GJV - Bill asked for more articles to be sent in
 - e. Public Service Committee - Position Open
 - f. VE Liaison - John Mullan, KD2L - The next VE session is in Jan 31, at Our Lady of Guadalupe Church, Room C, in Windsor
 - g. Repeater Committee - Greg Gordon, AC6VJ
 - i. Net Control Volunteers - Positions Filled
 - ii. Status of Repeaters - The new digipeater (146.050) is operational, the 10 meter repeater is currently down. All other repeaters are operational.
 - iii. SCRA v NARCC Update - Nothing to report
 - f. Unfinished Business - None
 - g. New Business
 - a. Appointments - Brian is looking for committee leaders for the P.S.C and Activity Committees
 - b. Future Programs - Brian passed around a form to get meeting program ideas.
 - h. Member Biography - Our Treasurer Jim Lee KE6VGV started his amateur radio experience with tin cans and string. He remained interested in Amateur Radio through his time in the Navy. He obtained his Technician license in the Early 1990s and has since upgraded to the General Class.
 - i. Show and Tell - Josh W6XU showed us his new GND Straight Key that his XYL gave him for Christmas. Brian N6IYY shared an article on making antennas out of fishing poles.
 - j. Recess - A recess was held from 8:00 PM until 8:20 PM
 - k. Program - We finished the video program "The Secret Wireless War: Black Propaganda"
 - l. Raffles - Karl Johnston, K6QMT
 - a. 50/50 - Ted KB6PTA won \$6.
 - b. Membership - No membership raffle this month.
- 12) Announcements

- a. Next Membership Meeting - February 4: Program TBA
- b. Board Meeting - January 14 at Marie Calendar's
- m. Adjournment - There being no objections the meeting was adjourned at 9:25 PM.

Sonoma County Radio Amateurs, Inc.
Board of Directors Meeting 1-14-2004
MINUTES

- Board Members Present: Brian Torr N6IYY, Walter Masten KG6OXW, Jim Lee KE6VGV, Randy Black KE6VMZ, Greg Gordon AC6VJ, Bill Hillendahl KH6GJV
- Board Members Excused: John KD2L
- Guests Present: Rich Freitas KF6SZA, Jeff Basham KK6JAB
1. Call to Order, Verification of Quorum, Introductions 6:30 - The meeting was called to order by President Brian Torr N6IYY at 6:40 PM. The meeting was held at Marie Callendar's, 2460 Mendocino Avenue, Santa Rosa. A quorum was present in that six of the seven voting board members were present.
 2. Approval of Minutes - Bill KH6GJV moved that the minutes of the 12-10-2003 be approved. The motion passed.
 3. Officer & Director Reports
 1. President - Brian N6IYY - Nothing to report
 2. Vice President - John KD2L - Absent
 3. Secretary - Walter KG6OXW - Walter reported that the dues mailing envelopes were being printed
 4. Treasurer - Jim KE6VGV - Jim reported about the legal issue
 5. Directors
 1. Randy KE6VMZ - Nothing to report
 2. Greg AC6VJ - Nothing to report
 3. Past President - Bill KH6GJV - Reported that we received a donation of \$500 from the Santa Rosa Cycling Club.
 4. Committee Reports
 1. ARES - Rich KF6SZA - Rich reported that there was an ARES face to face meeting on packet radio.
 2. Mobile Comm Van - Greg AC6VJ - Nothing to report
 3. Activities Committee - Position not yet filled. - Bill KH6GJV reported that there is an SCRA and EARS breakfast in the planning stages
 4. Newsletter - Bill KH6GJV - Bill reported that the newsletter is ready to be folded and sent.
 5. Public Service/VE - Position not yet filled. -Nothing to report
 6. Repeaters - Greg AC6VJ
 1. Status of Repeaters - Greg reported on the status of the repeaters.
 2. Weekly Net Control - 2/3 - AC6VJ; 2/10 - ;2/17 - N6IYY; 2/24 - KE6VMZ
 5. Unfinished Business
 1. Meeting Programs - 2004
 - January - The Secret Wireless War, Part 2 July
 - February - August-
 - March - September -
 - April - "Homebrew Night" October -
 - May November -
 - June - "Field Day" & Contesting December -"Christmas Party" & Photos
 2. Program Ideas - The board discussed upcoming meeting programs.
 3. Club Calendar - The board discussed putting a club calendar on our website.
 4. Meeting Place - The board discussed alternative meeting locations.
 6. New Business
 1. Open Committee Chair positions - The open Committee Chair positions were discussed and candidates were suggested.
 2. Repeater Chair - Greg was reelected at Repeater Chair Budget
 3. The 2004 budget will be prepared by Bill KH6GJV and Jim KE6VGV
 4. Dues - Jim KE6VGV moved that the dues be increased to \$24. The motion passed.
 5. Advertising our club meetings - The board discussed advertising our club meetings. Walter KG6OXW will look into advertising in the meeting section of the Press Democrat.
 7. Executive Session - Legal issue
 8. Announcements - Rich KF6SZA donated a truck to the club.
 9. Adjournment - The meeting was adjourned at 8:25 PM.

HSC Web Specials!

The items below can be found in the "Specials" area of our on-line shopping pages at www.halted.com...check them out and use our secure site to place your order for the holidays!

Fujitsu FPG-310 Color Pen Plotter GPIO (IEEE-488) interface Boxed, w/ manual, cord, 90-day warranty HSC# 19131	Computer Power Supply, ATX, 145W HSC# 18350
Rechargeable 12VDC Battery 40 AH, lead/acid, Yuasa NPX-150R HSC# 18917	Network card, ISA bus, 10-Base T HSC# 18943
Server Cabinet, ATX rack mount, with Power Supply, White color HSC# 80541	Computer Speakers, powered HSC# 18662
Battery charger, NiMH HSC# 19151	Game-pad, Microsoft "Sidewinder" HSC# 80486
SCSI Controller, Initio, PCI Bus HSC# 18218	Compact AC Inverter for the car, 100W HSC# 19021
SCSI Controller, Adaptec 1505, ISA Bus HSC# 17995	Motherboard, 486DX4 AT HSC# 18529
Mouse, 2-button HSC# 18731	Motherboard, Baby AT, 486VLB HSC# 19003
Mouse, w/ numeric keypad HSC# 80539	Multimeter, analog, VOM HSC# 18260
Scrolling mouse, translucent body HSC# 18829	Multimeter, DMM, with transistor check HSC# 80370
Computer Power Supply, ATX 200W, "Mini-Tower"-style HSC# 18665	Multimeter, DMM, lift-up display, nice! HSC# 80504
	Computer Joystick, "FX2000" HSC# 18772
	Tower Chassis, 7-Bay "RAID" HSC# 80544

Disk Drive Deals!

- Seagate ST15150N 4.3 GB "Barreleye" SCSI
 - 7,200 RPM, 8.09 s ms avg. seek time
 - 21 Hds, 11 Dvds, 3.711 Cyl.
 - Standard 50-pin SCSI
 - 3.5" size, half-height (1.5" tall)
 - Return, 90-day warranty
- HSC# 18412 \$32.50**
- Seagate ST19171WC, Ultra-SCSI Wide Area2
 - Formatted capacity: 9.1GB
 - Spindle speed: 7200 RPM
 - 3.5" size, half-height (1.5" tall)
 - 80-124 millisecond internal transfer rate
 - Average Access (read/write): 9.7-10.7 ms
- HSC# 18753 \$39.95**
- Special...buy this drive & get a 50-pin (SCA23700) or 68-pin (SCA23720) Adapter for \$10.00!
Normally a \$20 - 30 value!

PCMCIA Goodies!

- EPSON Ethernet PCMCIA interface card
 - Both 10Base2 and 10BaseT cables included!
 - Compatible with notebooks/PCs with Type II slots
 - Hot card insertion and removal - no power down
 - No jumpers or switches - Two LED status lights
 - New, boxed, diskitte & manual, 90-day warranty
- HSC# 19125 \$9.95**
- Intel PRO/100 PCMCIA Network Adapter Card
 - MBLA1800 LANcard supports 10BaseT/100BaseTX
 - For PC Card Type II sockets, 32KB packet buffer
 - Full duplex support (10Mbps networks only)
 - Ethernet Specs: IEEE 802.3 & 802.3u spec
 - With RJ45 cable, OEM packed, 90-day warranty
- HSC# 19190 \$39.50**
- Epson/Adaptec APA460B PCMCIA SCSI Card
 - Up to 2 MB/sec PC Card bus rate
 - New, OEM pack with D625 cable, 90-day warranty
- HSC# 19160 \$49.50**

VHS Video To Go!



- "Videotronics" Model No. VHS-105 player deck
- Dual power option! - 110VAC or 12VDC!
- Perfect for enterprising kids in the vault!
- Many other uses: home, business, camping...
- Standard VHS VHS format, full front-panel controls, soft-touch buttons with LED's
- Remote control sensor on front panel - remote NOT included...may work with generic remotes?
- Run-and-rewind service, 90-day HSC warranty

HSC# 19048 \$19.95!

VHS for even less!



- Magnavox Model No. VHS100AT01 video player
- Standard "F" type connectors for inline connection
- Flux panel switch selects Ch. 3 or Ch. 4 output
- Hi-Fi jacks for line level video/audio connect
- Pulled from working service Units have slight markings from removed infrared transmit element covering front panel infrared detector. Remote NOT included.
- For 110VAC, 60Hz operation
- Removed from working service, 90-day HSC warranty

HSC# 19152 \$17.50!

External CD-RW!



- Hewlett-Packard Model 7200 Series CD-RW
- Use just like a floppy! Shares printer port
- Drag & drop up to 650MB on a single CD-I
- 2X write on CD-RW, up to 6X read on CD-R
- 1X RAW: 150KB/sec, 2X RAW: 300KB/sec
- 6X Read: 900KB/sec - drives avail. at HP website
- EIDE (ATAPI) interface w/MSC, front tray load
- 74 min. on 120min disk, 21 min. with 60min disk
- Power supply not included (pinout provided)
- Rebuilt, 90-day HSC warranty

HSC# 19036 \$49.50

Lab Bench Supply!

- Model No. AEEC-350, 0-50VDC @ 3 Amp
- 110VAC, 60Hz - 150VA - small footprint!
- Dial digital meters for voltage and current
- Short-circuit protected, grounded 1-wire cord
- New, IEC power cord, manual, 90-day warranty

HSC# 80606 \$139.00

Variable Transformers!

- One of the most useful instruments on your bench!
- Always wanted one, but they were too expensive?
- Two sizes to choose from, now they're affordable!
- Both new in box, made in China
- Model AEEC-500VR
- 0 - 120 VAC output, 500VA
- Measures 6.5" x 9" x 7" tall
- Features meter, illuminated switch, line cord, fuse

HSC# 80474 \$45.00

- Our most popular model!
- Model AEEC-2080VR
- 0 - 120 VAC output, 2KVA
- Measures 8" x 10" x 8.5"
- Features meter, illuminated switch, line cord, fuse

HSC# 80461 \$95.00

Solder Pots!

- Finally...we found a source for solder pots! New, 90-day HSC warranty, very handy for the workbench!
- AEEC-10P - handy compact desktop unit
- 110VAC, 110 Watts - perfect for small jobs
- Adjustable lamp, levels - 300 to 430 deg. C
- Bath dimensions: 35mm dia x 30mm deep

HSC# 80610 \$32.00

HSC Electronic Supply

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

World Wide Web: <http://www.halted.com>

3500 Ryder St.
Santa Clara, CA 95051 408-732-1573

4837 Amber Ln.
Sacramento, CA 95841 916-338-2545

5581 Redwood Dr.
Rohnert Park, CA 94928 707-585-7344



For over 35 years, HSC has been your best source for high-tech goodies from Silicon Valley! Haven't visited us yet? You owe it to yourself to come see our constantly-changing, mind-boggling array of electronic parts, equipment, computers, and scientific gear! Find out why knowledgeable engineers, technicians and hobbyists make HSC their first stop for all their techno-shopping needs!

Terms: Some quantities limited; all items are 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 may apply. Prepaid orders that don't include shipping charges will be shipped freight COD. There is a \$9.00 UPS charge added to shipping charges for COD shipments. If you have questions about your order, please call Customer Service at (408) 732-1854 M-F 9AM to 5PM PST.

ANAHEIM, CA
(Near Disneyland)
933 N. Euclid St., 92801
(714) 533-7373
(800) 854-6046
Janet, KL7MF, Mgr.
anaheim@hamradio.com

BURBANK, CA
2416 W. Victory Bl., 91506
(818) 842-1786
(800) 854-6046
Eric, KAGIHT, Mgr.
Victory Blvd. at Buena Vista
1 mi. west I-5
burbank@hamradio.com

OAKLAND, CA
2210 Livingston St., 94606
(510) 534-5757
(800) 854-6046
Mark, W17YN, Mgr.
1-880 at 23rd Ave. ramp
oakland@hamradio.com

SAN DIEGO, CA
5375 Kearny Villa Rd., 92123
(358) 560-1900
(800) 854-6046
Tom, KM6K, Mgr.
Hwy. 163 & Claremont Mesa
sandiego@hamradio.com

SUNNYVALE, CA
510 Lawrence Exp. #102
94085
(408) 736-9496
(800) 854-6046
Howard, KE6PWH, Mgr.
So. from Hwy. 101
sunnyvale@hamradio.com

NEW CASTLE, DE
(Near Philadelphia)
1509 N. Dupont Hwy., 19720
(302) 322-7092
(800) 644-4476
Jim, KA3LL, Mgr.
Rt. 13 1/4 mi. So. I-295
newcastle@hamradio.com

PORTLAND, OR
11705 SW Pacific Hwy.
97223
(503) 598-0555
(800) 854-6046
Leon, N7IX, Mgr.
Tigard-99W exit
from Hwy. 5 & 217
portland@hamradio.com

DENVER, CO
8400 E. Iliff Ave. #9, 80231
(303) 745-7373
(800) 444-9476
Joe, KD0GA, Mgr.
John, N5EHP, Mgr.
denver@hamradio.com

PHOENIX, AZ
1939 W. Dunlap Ave., 85021
(602) 242-3515
(800) 444-9476
Gary, N7GJ, Mgr.
1 mi. east of I-17
phoenix@hamradio.com

ATLANTA, GA
6071 Buford Hwy., 30340
(770) 263-0700
(800) 444-7927
Mark, KJ4VO, Mgr.
Doraville, 1 mi. no. of I-285
atlanta@hamradio.com

WOODBRIIDGE, VA
(Near Washington D.C.)
14893 Build America Dr., 22191
(703) 643-1063
(800) 444-4799
Steve, N4SR, Mgr.
Exit 161, I-95, So. to US 1
woodbridge@hamradio.com

SALEM, NH
(Near Boston)
224 N. Broadway, 03079
(603) 898-3750
(800) 444-0047
Chuck, N1UC, Mgr.
sales@hamradio.com
Exit 1, I-93
28 mi. No. of Boston
salem@hamradio.com

12 STORE BUYING POWER



KENWOOD



TS-2000 HF/VHF/UHF TCVR

- 100W HF, 6M, 2M • 50W 70CM
- 10W 1.2 GHz w/optional UT-20 module
- IF Stage DSP • Built-in TNC, DX packet cluster
- Backlit Front Key Panel

Low Intro Price!



TH-D7A(G) 2M/440

- 2M/440 Dual Band
- Built-in 1200/9600 Baud TNC
- APRS Compatible
- DX Packet Cluster Monitor
- 200 Memos, CTCSS
- VC-HI Messaging Control

Low Pricing!

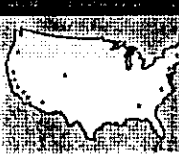


TM-D700A 2M/440 Dualband

- 50W VHF 35W UHF • Opt. Voice Synthesizer
- Receives 118-1300 mHz (cell blocked)
- Remote Head Inst. only (kit included)
- 200 Memories • Built in 1200/9600 baud TNC
- Advanced APRS Features
- DX Packet Cluster
- Tone Scan • GPS/VC-HI/PC Ports

COAST TO COAST FREE SHIPPING

UPS - Most Items Over \$100



**Rapid Deliveries From
The Store Nearest To You!**

YAESU



VX-7R

- 50/2M/220/440 HT
- Wideband RX
- 900 Memories
- SW TX (100mw 220MHz)
- Li-Ion Battery
- Fully Submersible to 3 ft.
- Built-in CTCSS/DCS
- Internet WIREs compatible

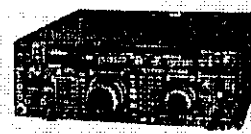
Great Price!



FT-100D HF/6M/2M/70CM Trans.

- Compact Transceiver w/detachable front panel
- Rx 100kHz to 970mHz (cell blocked)
- Tx 100W 160-6M, 50W 2M, 20W 70CM
- Built-in DSP, Vox, CW keyer
- 300 Memories

Low Pricing!



FT-1000MP MKV HF Trans.

- Enhanced Digital Signal Processing
- Dual RX
- Collins SSB filter built-in
- 200W, External power supply

Low Pricing!

OAKLAND, CA

2210 Livingston St., 94606
(510) 534-5757
(800) 854-6046
Mark, W17YN, Mgr.
1-880 at 23rd Ave. ramp
oakland@hamradio.com

SUNNYVALE, CA

510 Lawrence Exp. #102
94085
(408) 736-9496
(800) 854-6046
Howard, KE6PWH, Mgr.
So. from Hwy. 101
sunnyvale@hamradio.com



IC-706MkII HF/VHF Transceiver

- All mode HF/6M/2M/70CM
- 100W HF/6M, 50W/2M, 20W/440 MHz
- AF-DSP • Plug and Play Filters - No Soldering
- Easy-to-Navigate menus

Low Pricing!



IC-756 PRO II All mode Transceiver

- 160-6M @ 100W • Enhanced Rx performance
- 32 bit IF DSP • SSB/CW Synchronous tuning
- Enhanced 5 inch color TFT w/spectrum scope
- Selectable IF filter shapes for SSB & CW
- Multiple DSP controlled AGC loops
- Advanced CW functions
- 101 alphanumeric memories

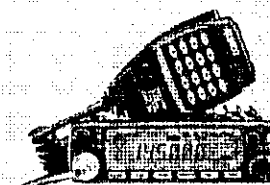
The Ultimate Radio!



DJ-196T 2M/HT

- 5 Watt out
- 40 memories
- Alphanumeric display
- CTCSS • DCS built-in
- "S" meter
- Auto Dialer

Low Pricing!



DR-135TP 2M mobile

- 50 Watt out • Alpha numeric display
- 100 mems • Built-in TNC 1200 & 9600 Baud
- Front Panel GPS in • Rear DB 9 port
- CTCSS/DCS Encode/Decode built-in

Low Pricing!