

## 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: <a href="http://www.vomarc.com">www.vomarc.com</a>
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.

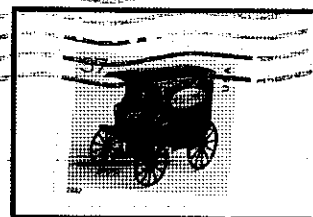
Sonoma County Radio Amateurs, Inc.

P. O. Box 116

Santa Rosa, CA 95402-0116

## RETURN SERVICE REQUESTED

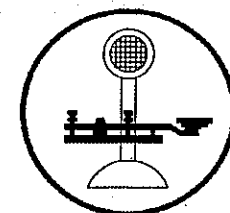
Time Sensitive Material - Please Deliver Promptly



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 N6IY  
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, N6AJQ, 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 &amp; 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

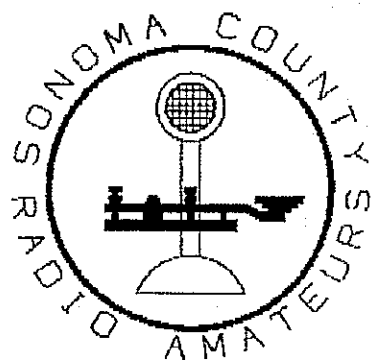
Check in to the SCRA net each **Tuesday** evening on the **146.985-(PL 88.5)** repeater at **7:00 PM**. Announcements are made of upcoming SCRA and other amateur radio activities in the area and what is listed in Hank's Swap Shop. You will also hear the weekly *Amateur Radio Newsline* broadcast.

## Short Skip Advertising Rates

Business Cards	\$ 12
1 <sup>st</sup> Quarter Column	\$ 13
Each Addn'l Quarter Column	\$ 4
Full page (one side)	\$ 35
Pre-printed inserts (each)	\$ 35
<b>Guaranteed circulation of 150 per month!</b>	
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 - W/SJT 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](mailto:Davidca@wpgate1.ahs.state.vt.us).

## CHARLES J. TARR

*Attorney at Law*

WA6VAG

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7-9 Feb - Delaware QSO Party - CW/Phone/Digital/RTTY, 160-10 meters.  
See: [www.fsarc.org](http://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.rsgbhfcc.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](mailto: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."

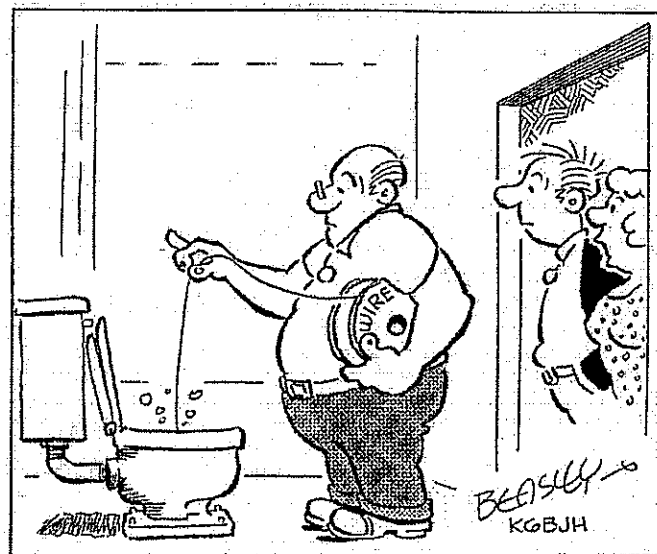
The overall proposed ARRL license restructuring plan would more smoothly integrate HF spectrum privileges across the three license classes and would incorporate the "Novice refarming" plan the League put forth nearly two years ago in a Petition for Rule Making (RM-10413). The FCC has not yet acted on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

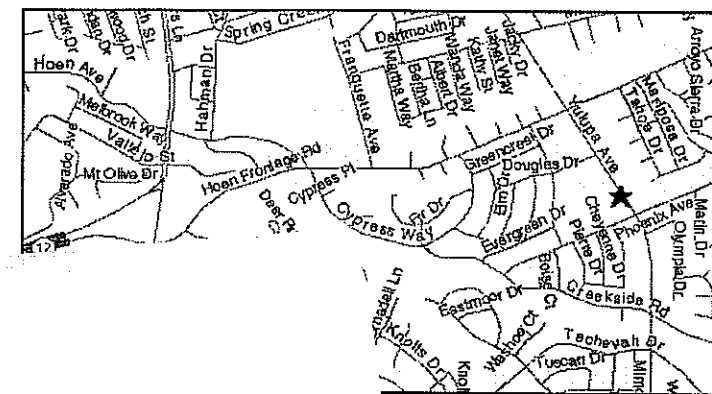


HE'S HOPING THAT IF HE FEEDS ENOUGH OF THAT DOWN THERE, HE'LL HAVE A GOOD GROUND FOR HIS SHACK!

From "The Best of Beasley" Worldradio Books

**FEBRUARY PROGRAM**

Join us on **Wednesday, February 4<sup>th</sup> 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 program is on page one of this issue.

**LOCATION**

Lupa Ave, Santa Rosa (Bennett Valley)

now be \$24 per year. The cost of renting the Garden Center for our knowledge, SCRA never the monthly meetings. \$20 for their 2004 dues additional \$4; they will 003 dues rate. But all will be \$24 per year.

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

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## 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:

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

#### What is a dipole?

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

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

- I would like a signal report.
- 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?
- I bought a new rig ... will I get my rebate check soon?
- 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

- Call to Order, Verification of Quorum - The meeting was called to order by President Brian Torr N6IY at 7:30 PM at the Luther Burbank Art & Garden Center. There were more than 25 people present.
  - Introductions
    - Officers and Directors - The club officers and directors introduced themselves.
    - 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
    - Visitors - There were no visitors at the meeting this month.
    - New Calls and Upgrades - There were no new calls or upgrades this month.
- 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.
- Officer and Director Reports
  - President - Brian Torr, N6IY - Brian mentioned that we have committee positions open and passed around a form to get meeting program ideas.
  - Vice President - John Mullan, KD2L was not present
  - Secretary - Walter Masten, KG6OXW - Please look through the membership badges to see if you have not picked yours up.
  - 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).
  - Directors
    - Randy Black, KE6VMZ - Nothing to report
    - Gregory Gordon, AC6VJ - Nothing to report
    - 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.
  - Committee Reports
    - 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.
    - Mobile Comm Van - Gregory Gordon, AC6VJ - Greg reported that the Comm Van is getting the antenna supports installed.
    - Activities Committee - Josh Fiden, W6XU - Nothing to report
    - Newsletter - Bill Hillendahl, KH6GJV - Bill asked for more articles to be sent in
    - Public Service Committee - Position Open
    - VE Liaison - John Mullan, KD2L - The next VE session is in Jan 31, at Our Lady of Guadalupe Church, Room C, in Windsor
    - Repeater Committee - Greg Gordon, AC6VJ
      - Net Control Volunteers - Positions Filled
      - Status of Repeaters - The new digipeater (146.050) is operational, the 10 meter repeater is currently down. All other repeaters are operational.
      - SCRA v NARCC Update - Nothing to report
  - Unfinished Business - None
  - New Business
    - Appointments - Brian is looking for committee leaders for the P.S.C and Activity Committees
    - Future Programs - Brian passed around a form to get meeting program ideas.
  - 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.
  - Show and Tell - Josh W6XU showed us his new GND Straight Key that his XYL gave him for Christmas. Brian N6IY shared an article on making antennas out of fishing poles.
  - Recess - A recess was held from 8:00 PM until 8:20 PM
  - Program - We finished the video program "The Secret Wireless War: Black Propaganda"
  - Raffles - Karl Johnston, K6QMT
    - 50/50 - Ted KB6PTA won \$6.
    - Membership - No membership raffle this month.
- Announcements

- Next Membership Meeting - February 4: Program TBA
- Board Meeting - January 14 at Marie Calendar's
- 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 N6IY, 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
- Call to Order, Verification of Quorum, Introductions 6:30 - The meeting was called to order by President Brian Torr N6IY at 6:40 PM. The meeting was held at Marie Calendar's, 2460 Mendocino Avenue, Santa Rosa. A quorum was present in that six of the seven voting board members were present.
  - Approval of Minutes - Bill KH6GJV moved that the minutes of the 12-10-2003 be approved. The motion passed.
  - Officer & Director Reports
    - President - Brian N6IY - Nothing to report
    - Vice President - John KD2L - Absent
    - Secretary - Walter KG6OXW - Walter reported that the dues mailing envelopes were being printed
    - Treasurer - Jim KE6VGV - Jim reported about the legal issue
    - Directors
      - Randy KE6VMZ - Nothing to report
      - Greg AC6VJ - Nothing to report
      - Past President - Bill KH6GJV - Reported that we received a donation of \$500 from the Santa Rosa Cycling Club.
  - Committee Reports
    - ARES - Rich KF6SZA - Rich reported that there was an ARES face to face meeting on packet radio.
    - Mobile Comm Van - Greg AC6VJ - Nothing to report
    - Activities Committee - Position not yet filled. - Bill KH6GJV reported that there is an SCRA and EARS breakfast in the planning stages
    - Newsletter - Bill KH6GJV - Bill reported that the newsletter is ready to be folded and sent.
    - Public Service/VE - Position not yet filled. -Nothing to report
    - Repeaters - Greg AC6VJ
      - Status of Repeaters - Greg reported on the status of the repeaters.
      - Weekly Net Control - 2/3 - AC6VJ; 2/10 - ;2/17 - N6IY; 2/24 - KE6VMZ
  - Unfinished Business
    - 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
    - Program Ideas - The board discussed upcoming meeting programs.
    - Club Calendar - The board discussed putting a club calendar on our website.
    - Meeting Place - The board discussed alternative meeting locations.
  - New Business
    - Open Committee Chair positions - The open Committee Chair positions were discussed and candidates were suggested.
    - Repeater Chair - Greg was reelected at Repeater Chair Budget
    - The 2004 budget will be prepared by Bill KH6GJV and Jim KE6VGV
    - Dues - Jim KE6VGV moved that the dues be increased to \$24. The motion passed.
    - 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.
  - Executive Session - Legal issue
  - Announcements - Rich KF6SZA donated a truck to the club.
  - 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](http://www.halted.com)...check them out and use our secure site to place your order for the holidays!

Fujitsu FPG-310 Color Pen Plotter GPIB (IEEE-488) interface Boxed, w/ manual, cord, 90-day warranty HSC# 19131	Computer Power Supply, ATX, 145W HSC# 18350	Network card, ISA bus, 10-Base T HSC# 18943	Game-pad, Microsoft "Sidewinder" HSC# 80486
Rechargeable 12VDC Battery 40 AH, lead/acid, Yuasa NPX-150R HSC# 18917	Computer Speakers, powered HSC# 18862	Compact AC Inverter for the car, 100W HSC# 19021	Motherboard, 486DX4 AT HSC# 18529
Server Cabinet, ATX rack mount, with Power Supply, White color HSC# 80541	Battery charger, NiMH HSC# 19151	Motherboard, Baby AT, 486VLB HSC# 19003	Multimeter, analog, VOM HSC# 18260
SCSI Controller, Initio, PCI Bus HSC# 18218	SCSI Controller, Adaptec 1505, ISA Bus HSC# 17995	Multimeter, DMM, with transistor check HSC# 80370	Multimeter, DMM, lift-up display, nice! HSC# 80504
Mouse, 2-button HSC# 18731	Mouse, w/ numeric keypad HSC# 80539	Computer Joystick, "FX2000" HSC# 18772	Tower Chassis, 7-Bay "RAID" HSC# 80544
Scrolling mouse, translucent body HSC# 18829	Computer Power Supply, ATX, 200W, "Mini-Tower"-style HSC# 18665		

### Disk Drive Deals!

- Seagate ST15150N 4.3 GB "Baracuda" SCSI  
7,200 RPM, 6,090 ms avg. seek time  
21 Hds, 11 Disk, 3,711 Cyl.  
Standard 50-pin SCSI  
3.5" size, half-height (1.5" tall)  
Returns, 90-day warranty  
HSC# 18412 \$32.50
- Seagate ST19171WC, Ultra-  
SCSI Wide ASAS  
Formatted capacity: 9.1GB  
Spindle speed: 7200 RPM,  
3.5" size, half-height (1.5" tall)  
80-124 mb/sec internal transfer rate  
Average Access (read/write): 9.7-10.7 ms  
HSC# 18753 \$39.95

Special!...buy this drive & get a 50-pin (HSCA23700) or 66-pin (HSCA23720) 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, dislodge & manual, 90-day warranty  
HSC# 19125 \$9.95
- Intel "PRO/100" PCMCIA Network Adaptor Card  
MBLA1600 LAN card supports 10BaseT/10BaseTX  
For PC Card Type II sockets, 32KB packet buffer  
Full duplex support (10Mbps network only)  
Ethernet Specs: IEEE 802.3 & 802.3u spec  
With RJ45 cable, OEM packed, 90-day warranty  
HSC# 19190 \$39.50
- Epson/Adaptec APM460B PCMCIA SCSI Card  
Up to 2 MByte/sec PC Card bus rate  
New, OEM pack with DB25 cable, 90-day warranty  
HSC# 19160 \$49.50

### VHS Video To Go!



- "Videoelectronics" Model Na VHS-105 player deck  
Dual power optional - 110VAC or 12VDC!  
Perfect for entertaining the kids in the yard  
Many other uses: home, business, camping...  
Standard NTSC 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?  
Removed from working service, 90-day HSC warranty

HSC# 19048 \$19.95!

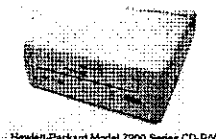
### VHS for even less!



- Magnavox Model No VFR100AT01 video player  
Standard "F" type connections for knee connection  
Four panel switch selects Ch. 3 or Ch. 4 output  
HCA 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, 60 Hz 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!  
2X write on CD-RW, up to 6X read on CD-R  
1X RW: 150KB/sec, 2X RW: 300KB/sec  
6X Read: 800KB/sec - drives avail. at HP website  
EIDE (ATAPI) interface w/486, front tray load  
74 min. on 120mm disk, 21 min. with 80mm disk  
Power supply not included (per unit provided)  
Refurbished, 90-day HSC warranty

HSC# 19036 \$49.50

### Lab Bench Supply!

- Model No. AEEC-360, 0-50VDC @ 3 Amp  
110VAC, 60Hz - 150VA - small footprint!  
Dual digital meters for voltage and current  
Short-circuit protected, grounded "a" 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-590VR  
0 - 120 VAC output, 500 VA  
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-200VR  
0 - 120 VAC output, 200 VA  
Measures 8" x 10" x 9.5"  
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 temp. levels - 300 to 430 deg. C  
Bath dimensions: 36mm dia x 30mm deep

HSC# 80610 \$32.00

## HSC Electronic Supply

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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 \$8.00 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.

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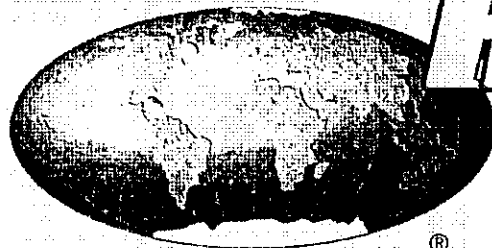
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**FT-100D HF/6M/2M/70CM Trans.**

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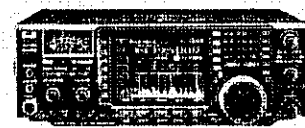
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**IC-706MkIIIG HF/VHF Transceiver**

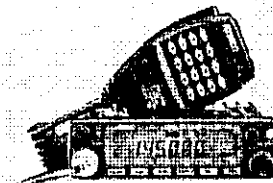
- All mode HF/6M/2M/70CM
- 100W HF/6M, 50W/2M, 20W/440 MHz
- AF-DSP • Plug and Play Filters • No Soldering
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- 32 bit IF DSP • SSB/CW Synchronous tuning
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- Selectable IF filter shapes for SSB & CW
- Multiple DSP controlled AGC loops
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- 5 Watt out
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- Alphanumeric display
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- "S" meter
- Auto Dialer

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