

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 GPIB (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 New Price!	Computer Speakers, powered HSC# 18662
Battery charger, NiMH HSC# 18151	Game-pad, Microsoft "Sidewinder" HSC# 80488
SCSI Controller, Initio, PCI Bus HSC# 18218 New Price!	Compact AC Inverter for the car, 100W HSC# 19021 New Price!
SCSI Controller, Adaptec 1505, ISA Bus HSC# 17995 New Price!	Motherboard, 486DX4 AT HSC# 18629 New Price!
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 New Price!	Multimeter, DMM, lift-up display, nice! HSC# 80604
	Computer Joystick, "FX2000" HSC# 18772 New Price!
	Tower Chassis, 7-Bay "RAID" HSC# 80544

VHS Video To Go!



- "Videoelectronics" Model No. VHS-10S player deck
- Dual power option! - 110VAC or 12VDC!
- Perfect for entertaining the kids in the car!
- 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 remote!
- Removed from working service, 90-day HSC warranty

HSC# 19048 \$19.95!

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: 600KB/sec - drives avail. at HP website
- EIDE (ATAPI) interface w/MMC, front bay load
- 74 min. on 120mm disk, 21 min. with 80mm disk
- Power supply not included (pinout provided)
- Refurbished, 90-day HSC warranty

HSC# 19036 \$49.50

VHS for even less!



- Magnavox Model No. VFD100AT01 video player
- Standard "F" type connectors for inline connection
- Proxy panel switch selects Ch. 3 or Ch. 4 output
- RCA 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!

Lab Bench Supply!

- Model No. AECC-350, 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 AECC-500VR
- 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

HSC# 80461 \$95.00

Disk Drive Deals!

- Seagate ST15150N 4.3 GB "Barracuda" SCSI
- 7200 RPM, 8.0/9.0 ms avg. seek time
- 21 Hds, 11 Dens, 3.711 Cyl.
- Standard 50-pin SCSI
- 3.5" size, half-height (1.5" tall)
- Refurbs, 90-day warranty

HSC# 18412 \$32.50

- Seagate ST19171WC, Ultra-SCSI Wide ASA2
- Formatted capacity: 9.1GB
- Spindle speed: 7200 RPM
- 3.5" size, half-height (1.5" tall)
- 80-124 mb/s internal transfer rate
- Average Access (read/write): 9.7-10.7 ms

HSC# 18753 \$39.95

Special...buy this drive & get a 50-pin (8SCA23700) 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 notebook/PCs with Type II slots
- Hot card insertion and removal - no power down
- No jumpers or switches - Two LED status lights
- New, boxed, diskette & manual, 90-day warranty

HSC# 19125 \$9.95

- Intel "PRO100" PCMCIA Network Adapter Card
- MBLA1600 LAN card 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 APAM00B PCMCIA SCSI Card
- Up to 2 MByte/sec PC Card bus rate
- New, OEM pack with D25 cable, 90-day warranty

HSC# 19160 \$49.50

EASY NETWORK!

Multi-PC Web Access...
Save Money!
Up to 4 PC's on one phone line!

- Perfect for homes/small businesses
- Share printers, send faxes, backup files
- Proxy server for multi-PC internet access!
- Only one phone line needed for ISP connection
- Includes 4-port hub/56K modem & 1 network card
- If you want more than two PCs networked, you will need more network cards (HSC# 18493 \$4.95)
- 50 ft network cable, driver/installation manual CD
- OEM package, new, 90-day warranty

HSC# 80599 \$29.95

- ...and you can just buy the modem/hub-card!
- Comes with installation software CD
- You can connect your own 10-BaseT network PC's (up to 32) to its hub and save!
- OEM package, new, 90-day warranty

HSC# 18942 \$17.50

Solder Pots!

Finally...we found a source for solder pots! New, 90-day HSC warranty, very handy for the workbench!

- AECC-10P - handy compact desktop unit
- 110VAC, 110 Watts - perfect for small jobs
- Adjustable temp. levels - 300 to 450 deg. C
- Bath dimensions: 36mm. 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>

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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 \$6.00 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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Janet, KL7MF, Mgr.
anzheim@hamradio.com

BURBANK, CA

2416 W. Victory Bl., 91506
(818) 842-1706
(800) 854-6046
Eric, KA6HHT, 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.
I-880 at 23rd Ave. ramp
oakland@hamradio.com

SAN DIEGO, CA

5375 Kearny Villa Rd., 92123
(358) 560-4900
(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

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Leon, N7IXX, Mgr.
Tigard-99W exit
front Hwy. 5 & 217
portland@hamradio.com

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8400 E. Hill Ave. #9, 80231
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(800) 444-9476
Joe, KD0GA, Mgr.
John, N5EHP, Mgr.
denver@hamradio.com

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Gary, N7GJ, Mgr.
1 mi. east of I-17
phoenix@hamradio.com

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atlanta@hamradio.com

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Steve, N4SR, Mgr.
Exit 161, I-95, So. to US 1
woodbridge@hamradio.com

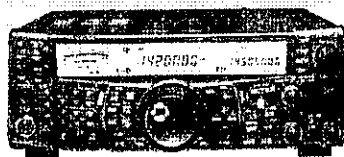
SALEM, NH

(Near Boston)
224 N. Broadway, 03079
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(800) 444-0047
Chuck, N1UC, Mgr.
sales@hamradio.com
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12 STORE BUYING POWER

HAM RADIO OUTLET

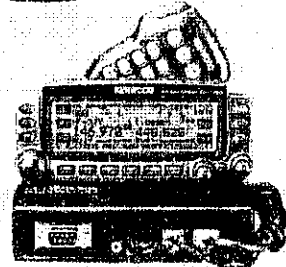
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KENWOOD**TS-2000 HF/VHF/UHF TCVR**

- 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**

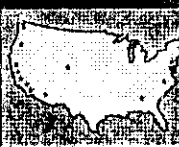
- 2M/440 Dual Band
- Built-in 1200/9600 Baud TNC
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- 200 Memos, CTCSS
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Low Pricing!**TM-D700A 2M/440 Dualband**

- 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-H1/PC Ports

**COAST TO COAST
FREE SHIPPING**

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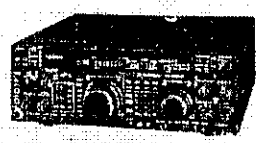
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YAESU**VX-7R**

- 50/2M/220/440 HT
- Wideband RX
- 900 Memories
- 5W TX (300mw 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.**

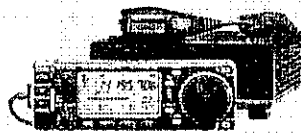
- Enhanced Digital Signal Processing
- Dual RX
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I-880 at 23rd Ave. ramp
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SUNNYVALE, CA

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

ICOM**IC-706MKIIG HF/VHF Transceiver**

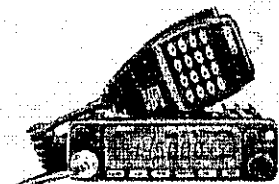
- All mode HF/6M/2M/70CM
- 100W HF/6M, 50W/2M, 20W/440 MHz
- AF-DSP • Plug and Play Filters • No Soldering
- Easy-to-Navigate menus

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!**ALINCO****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 memos • Built-in TNC 1200 & 9600 Baud
- Front Panel GPS in • Rear DB-9 port
- CTCSS/DCS Encode/Decode built in

Low Pricing!



ARES Comm Log

by Rich Freitas KF6SZA
Sonoma County District
Emergency Coordinator

Originating Third Party Message Traffic

Now that we've revived our weekly message-handling practice on the ARES net, it's appropriate to discuss some of the important aspects of originating third party traffic. What is third party traffic? The generally accepted definition is "short written noncommercial messages between people who are not amateur radio operators".

The objective of a formal net control station is to cause these written messages to transit the traffic system, word for word, character for character, and be able to be handled without alteration via any of the common modes of transmission currently in use such as CW, SSB, VHF-FM, Packet, or PACTOR. It is desired to reproduce the message at the far end of the system exactly as it was initially sent. The main source for any volume of such traffic is usually either of two occurrences:

1. An unplanned event, which forces people to use the Amateur traffic networks due to failure or overload of normal regular commercial facilities or,
2. A planned event, such as a convention, fair or other public gathering that encourages use of the amateur traffic networks more or less as a novelty.

In either case, the average person will need help in composing their messages so they can be properly and expeditiously handled by the network operators. This will be especially so with Health & Welfare traffic coming from disaster shelters in times of emergency.

If any large volume of third party traffic is expected, the radio operator proper must be assisted by another person, or persons ("public counter" assistants), who can take care of preparing the messages for transmission. The operator will have his or her hands full just working the radio. The people detailed as counter assistants must be trained and familiar with this kind of message work, but they need not be licensed radio operators. There are several things that must be considered when taking in message traffic from the general public:

1. The average sender has no idea about putting

his message into the standard format that we require to be used, in order for the generated traffic to be capable of being properly relayed through the system. They will need assistance.

2. The word count of the message text must be kept under control to avoid network overloading. Improper or illegal content or symbols that cannot be transmitted must be kept out of the text. The message must be composed so as to convey the desired meaning without unnecessary wordage, and to minimize the possibility of being misunderstood by the recipient.

3. Addressing must be properly done in order for the message to be delivered at its ultimate destination.

- a) All messages must be sent to a person or organization by name.
- b) The address must also contain a physical location where the addressee can be found in order to deliver the message. Street number and name, rural delivery route, post office box, hotel/motel name and room (if known) are common ways of providing this information.
- c) The address must also contain the destination City, State or Province, Country if not in USA or Canada, and postal code, if known.
- d) If at all possible, the address should include a full ten-digit telephone number NNN-NNN-NNNN, which will greatly aid message delivery.

4. The sender only needs to furnish the address, text and signature of the message. Normally, messages should be written either by the sender him/herself or the operator's "public counter" assistant for the sender, on plain half sheets of paper, 8 1/2 by 5 1/2 inches in size. This is plenty large for the average 25-word message, and will help discourage excessive wordiness in message texts. Pre-printed blanks are handy, but not necessary, for messages being sent.

5. Messages must be signed properly with a name so the recipient will know who sent it. The sender should also furnish local contact information so they can be reached if there is an

(Continued on page 8)

Sonoma County Radio Amateurs, Inc.
Membership Meeting 5-5-2004

MINUTES

- 1) 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 33 people present.
 - a) Introductions
 - i) Officers and Directors - The club officers and directors introduced themselves.
 - ii) Program - Ray Gaschk, W6FYA, of Elk Antennas
 - iii) Visitors - WA6BXV - Jerry from Marin County.
 - iv) New Calls and Upgrades - None
- 2) Approval of Minutes - Allen K6MXI moved that the minutes of the May 7, 2004 meeting be approved. The motion was passed.
- 3) Officer and Director Reports
 - a) President - Brian Torr, N6IY - Nothing to report.
 - b) Vice President - John Mullan, KD2L - Not Present
 - c) Secretary - Walter Masten, KG6OXW - Nothing to report
 - d) Treasurer - Jim Lee, KE6VGV - Not Present
 - e) Directors
 - i) Randy Black, KE6VMZ - Nothing to report
 - ii) Gregory Gordon, AC6VJ - Nothing to report
 - f) Past President - Bill Hillendahl, KH6GJV - Nothing to report
- 4) Committee Reports
 - a) ARES - Rich, KF6SZA - Having trouble with the ARES 2 meter repeater - Net will either meet on Simplex or 146.985 repeater with the permission of the SCRA BoD
 - b) Mobile Comm Van - John, KB6FRZ - Antenna supports are getting completed
 - c) Activities Committee - Open position. Volunteer Wanted!!
 - i) Field Day 2004 Update - Josh W6XU - Encouraged sign ups. Mentioned FISTS Sprint this weekend.
 - d) Newsletter - Bill Hillendahl, KH6GJV - Nothing to report
 - e) Public Service Committee - Position Open
 - i) Sue, K8SUE - Human Race this weekend
 - f) VE Liaison - John Mullan, KD2L - Not Present
 - g) Repeater Committee - Greg Gordon, AC6VJ
 - h) Status of Repeaters - All repeaters are operational.
 - i) SCRA v NARCC - Nothing to Report
- 5) Unfinished Business - None
- 6) New Business
 - a) Thanks for coming out to the Wine County Century
- 7) Member Biography - Rob, K6ZWB told us that he was introduced to Ham radio by his cousin when he was 13 or 14. He decided to get his Novice (end of minutes forwarded - ed.)

Sonoma County Radio Amateurs, Inc.
Board of Directors Meeting 5-12-2004

MINUTES

- Board Members Present: Brian Torr, N6IY; Jim Lee, KE6VGV; Randy Black, KE6VMZ; Gregory Gordon, AC6VJ, Bill Hillendahl, KH6GJV
Board Members Absent: John Mullan, KD2L; Walter Masten, KG6OXW
Guests Present: Rich Freitas, KF6SZA
- 1) Call to Order, Verification of Quorum, Introductions. The meeting was called to order by President Brian Torr, N6IY, at 6:46pm. The meeting was held at Marie Callendar's, 2460 Mendocino Avenue, Santa Rosa. A quorum was present in that five of the seven voting board members were present.
 - 2) Approval of Minutes - Randy, KE6VMZ, moved that the minutes of the 4/14/2004 board meeting be approved. The motion passed.
 - 3) Officer and Director Reports
 - a) President - Brian, N6IY, reported that we have renegotiated our rent at Luther Burbank Arts and Garden Center. The rent will now be \$40 per month.
 - b) Vice President - John, KD2L was not present
 - c) Secretary - Walter, KG6OXW was not present
 - d) Treasurer - Jim Lee, KE6VGV reviewed the account balances
 - e) Directors
 - i) Randy, KE6VMZ had nothing to report
 - ii) Gregory, AC6VJ had nothing to report
 - f) Past President - Bill, KH6GJV reported that he received a letter from Don Christensen, W6DZM, who has an antenna to donate to the club or any young ham just starting out. The club does not need another antenna; Brian, N6IY, will contact Don for more info on the antenna and will write article for Short Skip about antenna being available for young

ham.

- 4) Committee Reports
 - a) ARES - Rich, KF6SZA, reported on current status with American Red Cross. They are looking for an antenna tower.
 - b) Mobile Comm Van - Gregory, AC6VJ reported that the antenna mounts are ready to be installed. We need several more NMO mounts.
 - c) Activities Committee - Position Open
 - i) Field Day - A simple menu has been worked out. Arrowhead has donated several cases of drinking water, but need larger bottles for cooking, cleaning, coffee. Rich, KF6SZA, has a limited number of tables and chairs available - First come, first served. Josh Fiden, W6XU, not present for update on other FD issues.
 - d) Newsletter - Bill, KH6GJV, would like to revamp the newsletter to make electronic delivery possible, but needs help.
 - e) Public Service - John, KD2L was not present to give report
 - f) VE Liaison - John, KD2L was not present to give report
 - g) Repeater Committee - Gregory, AC6VJ
 - i) Status of the repeaters - All repeaters are working. Due to lack of quorum at NARCC's April meeting, a mail-in ballot for election of officers has been sent out.
 - ii) SCRA vs NARCC Update - Waiting to hear results of County testing new frequency.
- 5) Unfinished Business
 - a) Meeting Program for July - Three possibilities discussed: Bob, WD6DPE, on carrier-current communications, Voice of Victory (how the Hallicrafters HT-4 became BC-610), Ham Radio Squares. Brian, N6IY, to contact Bob to see if he can be ready for July. Greg, AC6VJ to send Brian, N6IY info on Voice of Victory.
- 6) New Business -
 - a) Red, White, and Boom - Bill, KH6GJV, asked if SCRA wanted to participate by having a booth at this event on the 4th of July at the Sonoma County Fairgrounds. There was not enough interest.
 - b) PCAM - Bill, KH6GJV, asked if SCRA wanted to participate in PCAM this year. SCRA will participate.
- 7) Executive Session - Session not held
- 8) Announcements - None
- 9) Adjournment - The meeting was adjourned at 8:08pm

If you are not getting the ARRL San Francisco Section news by e-mail and you are an ARRL member, be sure to subscribe under your Members Only information or go to <http://www.arrl.org/sections/?sect=SF> or <http://www.pdarrrl.org/sfsec/>

SCRA's DIGIPEATER Is Back On The Air

ARES District Emergency Coordinator Rich Freitas KF6SZA made a request to the repeater committee to have the DIGIPEATER put back on the air. The repeater committee obliged Rich by installing the DIGIPEATER in the club's vaults. The DIGIPEATER is back on the air on 145.050MHz. To DIGIPEAT through it connect to W6SON, and, to connect to the bulletin board use SCRA.

Gregory Gordon AC6VJ

ARES (from page 4)

answer to their message or if some problem occurs with delivering it. This information should be written on the back of the message blank for future reference if needed.

Appropriate message numbering, precedence, handling codes, Station of Origin's callsign, check, originating point, filing time (if used) and date must then be properly appended as a preamble in order to route the message correctly through the traffic system from origin to destination. The entire message should then be carefully checked over in regard to legibility and completeness at this time. These tasks are best left to the counter assistant who is trained and knows how to do them.

At this point the message is ready to be handed to the radio operator for transmission. The written message copy is now the "document of record" for the message, and, after the radio operator notes on it the time sent, frequency, and the callsign of the station it was sent to, it should be filed in the Originating Station's "Sent" file. The FCC no longer requires copies of amateur messages to be retained, but it is a good idea to keep them on file for at least a year anyway, "just in case".

Only by careful attention to all these details will good service be provided for the public. Messages that are properly originated have a much better chance of making it to the desired destination than those which are not.

The weekly ARES net for the greater Santa Rosa area is conducted on Mondays at 7:30 PM. We are currently meeting on the SCRA repeater on 146.985, -offset, 88.5PL. All ARES members and guests are invited to check-in. Please join us.

SPECTRUM PROTECTION ACT COSPONSOR LIST TOPS 100

The number of US House members from both sides of the aisle signed on as cosponsors of the Amateur Radio Spectrum Protection Act of 2003--HR 713--has topped the century mark. The recent addition of three Republicans and three Democrats pushed the count to 103. Identical House and Senate versions of the measure, an ARRL initiative, are on their third try in Congress. Since January 1, the number of

HR 713 cosponsors has grown by 26. The Senate version, S 537, has eight cosponsors.

The Spectrum Protection Act bills would require the FCC to provide "equivalent replacement spectrum" to Amateur Radio if the Commission were to reallocate primary amateur frequencies, reduce any secondary amateur allocations, or make additional allocations within such bands that would substantially reduce their utility to amateurs.

Signing aboard HR 713 so far this month were representatives Jo Ann Davis (R-VA), Johnny Isakson (R-GA), Elijah Cummings (D-MD), C. A. "Dutch" Ruppersberger (D-MD), Jim Gerlach (R-PA), and Mike Thompson (D-CA). Florida Republican Michael Bilirakis sponsored the House bill, while Idaho Republican Michael Crapo introduced S 537.

Ruppersberger this month also became the 35th cosponsor of HR 1478, the Amateur Radio Emergency Communications Consistency Act of 2003--the so-called CC&R bill. Sponsored by New York Democrat Steve Israel, the CC&R bill would require private land-use regulators such as homeowners' associations to "reasonably accommodate" Amateur Radio antennas consistent with the PRB-1 limited federal preemption.

HR 713 and HR 1478 have been referred to the House Subcommittee on Telecommunications and the Internet. S 537 has been referred to the Senate Committee on Commerce, Science, and Transportation.

ARRL President Jim Haynie, W5JBP, reiterated that the key to passage of the measures is letters from constituents. He called upon League members to take the effort to write, call or e-mail their representatives and senators to explain the bills' importance and encourage them to consider cosponsoring the measures. "Letters from ARRL members--who also are voters--are crucial to getting the spectrum bills through Congress, and that won't happen without support from our members," he said.

Sample letters and additional information--including the bills' texts and information on how to write members of Congress--is on the ARRL's "The Amateur Radio Spectrum Protection Act of 2003" Web page <<http://www.arrl.org/govrelations/arspa.html>> and on the "HR 1478, The Amateur Radio Emergency Communications Consistency Act of 2003" Web page <<http://www.arrl.org/govrelations/hr1478/>>.

Those writing their lawmakers on behalf of the Spectrum Protection Act are asked to copy their correspondence to the League via e-mail <specbill03@arrl.org>. Those writing on behalf of the Amateur Radio Emergency Communications Consistency Act, HR 1478, are asked to copy their correspondence to <ccr-bill@arrl.org>.

JUNE PROGRAM

Why it's FIELD DAY, of course! Be sure to join us for the annual Field Day program where all the details of the weekend will be laid out. Field Day is one of the best Amateur Radio events of the year because it encourages everyone, regardless of skill, to participate.

Like in previous years, we will have the local Civil Air Patrol squadron joining us as well as some Boy Scouts. There will be activities besides the radio operations for the group. Nerf football, anyone? How about a Frisbee if the wind isn't up?

Food will be plentiful, as usual. For a mere \$30 per person, there will be a continental breakfast on Saturday morning, mega-hot dogs, etc. (ala Costco) for lunch, and a spaghetti feed with salad and hot bread for dinner. Desert is planned for all with a sweet tooth. The weekend will be topped off with the traditional Sunday pancake and eggs breakfast cooked by your Board of Directors. Water (thanks to Arrowhead), sodas, coffee, tea, and hot chocolate will be available all weekend. Friday (set up) evening repast will be a no host pizza run to Round Table.

If you are planning on joining in on the foodstuffs for the weekend, please send in your \$30 per person to: SCRA, P. O. Box 116, Santa Rosa, CA 95402, or, give the funds to Bill Hillendahl KH6GJV at the club meeting. Field Day food reservations must be prepaid and in our hands no later than June 22nd, so act now!

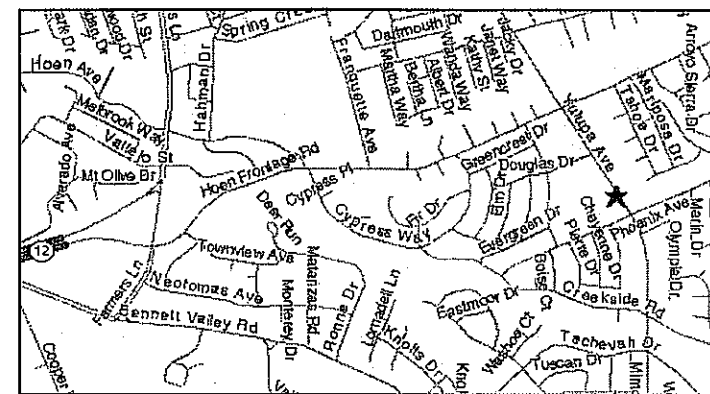
We'll see YOU at Field Day!

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 kh6gjb@arrl.net. We'd love to see YOU in print!



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www.rivkinradler.com



MEETING LOCATION

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

Pre-Meeting Dinner Location Change

The Board decided to change the pre-meeting dinner location to one closer to SCRA's new meeting location. So, starting with the May meeting, dinner will be at **Coco's Restaurant, 1501 Farmers Lane (Farmers Lane and Hwy 12), Santa Rosa**. Same time, 5:30 PM. Join the group for dinner or just sit in with a soda or coffee and some great conversation! See YOU at Coco's!

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@cdis1.net
www.cdis1.net

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

Steve Basham
OWNER

(707) 527-6000
(800) 675-7557
Fax (707) 527-1368

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	John Mullan	KD2L	707 575-9176
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

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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
ARRL WAS/VUCC Mgr	Steve Lund	K6UM	707 823-4544
ARRL DXCC Mgr	Chuck Ternes	N6OJ	707 763-2528

SCRA Hotline 707 579-9608

SCRA E-Mail scra@sonomacountyradioamateurs.comSCRA 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.

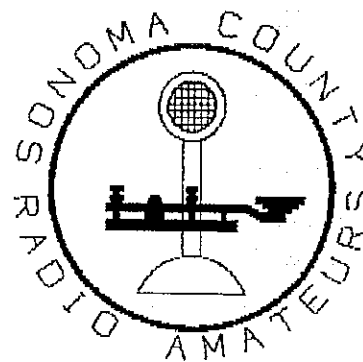
Short Skip Advertising Rates

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 Coco's restaurant, 1501 Farmers Lane (corner of Farmers & Hwy 12), Santa Rosa. People start showing up at 5:30 PM. No RSVP is required! See you there! (Except December!)



NEXT MEETING
June 2nd
7:30 PM

Program:
Field Day 2004!

(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. There is only one contest worth mentioning or participating in this month - **FIELD DAY!!!** Things are going to be hopping up on English Hill, so plan on attending and joining the fun.

- June 4-7 - **World Wide Major Six Club Contest** - CW/SSB, 50 MHz only. See: <http://6mt.com/contest.htm>.
 June 5 - **QRP TAC Contest** - CW, SSB and PSK31, 80-10 meters. See: <http://www.n3epa.org/>.
 June 5-6 - **IARU Region 1 Field Day** - CW, 160-10 meters. See: IARU Region 1 society Web sites for more information.
 June 12 - **Asia-Pacific Sprint** - SSB, 20 and 15 meters only. See: <http://jsfc.org/apsprint/aprule.txt>.
 June 12 - **Portugal Day Contest** - SSB, 80-10 meters. See: http://www.rep.pt/dia_de_portugal.htm.
 June 12-13 - **ANARTS WW RTTY / Digital Contest**, 80-

10 meters. See:

<http://www.users.bigpond.com/ctdavies>.

- June 12-13 - **WW South America CW Contest**, 80-10 meters. See: <http://www.labre.org/>.
 June 12-14 - **ARRL June VHF QSO Party**. See: <http://www.arrl.org/contests/rules/2004/june-vhf.html>.
 June 19 - **Kid's Day Operating Event**, 20-2 meters. See: <http://www.arrl.org/FandES/ead/kd-rules.html>.
 June 19-20 - **West Virginia QSO Party** - CW/SSB, 80-10 meters. See: <http://www.qsl.net/wvarrl>.
 June 19-20 - **All-Asian DX Contest** - CW, 160-10 meters. See: http://www.jarl.or.jp/English/4_Library/A-4-3_Contests/2004AA_Rule.htm.
 June 19-20 - **SMIRK QSO Party** - 6 meters. See: <http://www.smirk.org/>.
 June 19-20 - **Quebec QSO Party** - CW/Digital/Voice, 80-2 meters. See: <http://www.raqi.ca/qqp>.
 June 26-27 - **!!!!!!ARRL Field Day!!!!!!** - CW/SSB, All Bands except 30, 17 and 12 meters. See: <http://www.arrl.org/contests/rules/2004/rules-fd-2004.html>. Better yet, see Josh at the next club meeting!
 June 26-27 - **His Majesty King of Spain Contest** - SSB, 160-10 meters. For more information, send e-mail to ure@ure.es.
 June 26-27 - **QRP ARCI Milliwatt Field Day** - ARRL Field Day rules. See: <http://2hams.net/ARCI/mwfd.htm>.
 June 26-27 - **Marconi Memorial HF Contest** - CW, 160-10 meters. See: <http://www.qsl.net/ik6ptj/marconi.htm>.
 June 26-27 - **UK DX Contest** - SSB, 160-10-meters. See: <http://www.srars.org/ukdxcruleseng.pdf>.

CHARLES J. TARR

Attorney at Law

WA6VAG

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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

Calendar of Events

Jun 2	Wed	5:30 PM 7:30 PM	No-Host Dinner at Coco's, 1501 Farmers Lane, Santa Rosa SCRA Meeting, Luther Burbank Art & Garden Center, 2050 Yulupa Avenue, Santa Rosa
Jun 4	Fri	7:30 PM	Marin ARC Meeting, Alto Clubhouse, 27 Shell Road, Mill Valley
Jun 5	Sat	10:00 AM	Red Oak Victory ARC Meeting, Point Richmond
Jun 9	Wed	6:30 PM	SCRA Board of Directors Meeting
Jun 15	Tues	7:30 PM	Hamilton Wireless Assoc., Bldg 549, Hamilton Field, Novato
Jun 16	Wed	7:00 PM	REDXA Meeting, Carrow's, Petaluma
	Wed	7:30 PM	Valley of the Moon ARC Meeting, McDougall Hall, Sonoma Developmental Center, Glen Ellen.
Jun 19	Sat		Public Service Event: Terrible Two bicycle ride. Want to help? Contact John Mullan KD2L 707 575-9176 kd2l@hotmail.net
Jun 25-27	Fri - Sun		FIELD DAY!
Jul 9 - 11	Fri-Sun		ARRL San Francisco Section Convention, Ferndale, CA. Hosted by the Humboldt County Clubs. Info: www.humboldt-arc.org

Sonoma County Radio Amateurs, Inc.

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Santa Rosa, CA 95402-0116

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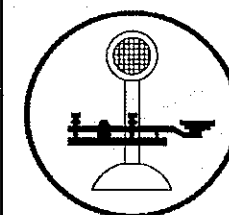
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WB6FRZ



Club Station
W6LFJ

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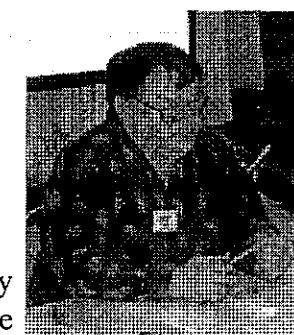
Repeater Station
W6SON

Volume 29 Number 6

June 2004

QUA

by
Brian Torr N6IYY
SCRA President



The activities are really starting to heat up. We've already provided support for three public service events, the MS Walkathon, The Wine Country Century Bike Tour, and the Human Race. Thanks again to John, KD2L, for marshaling the resources to support these events. The Terrible Two Bike Tour will be June 19. This event, perhaps more than any other, is great practice for message handling. Mark the date on your calendar; we'll need as many volunteers as possible.

By the time you read this, an amateur rocket carrying ham radio gear, may have already been launched into space. The Civilian Space Xploration Team (CSXT), made a try at this back in 2002, and will try again as early as Monday, May 17 with a larger rocket. The 2002 attempt ended after three seconds when the rocket's engine exploded. This information comes from the ARRL Letter.

The team is apparently undaunted. No doubt they've seen the scenes in the movie, "The Right Stuff" showing several failed attempts by NASA to get a rocket launched successfully into space. Considering that CSXT's budget is surely several orders of magnitude less than NASA's, reaching space on the second attempt will certainly be impressive!

Field Day 2004 is coming up fast. This will be the first year I recall that we used a crane to assemble the antenna farm! There was one year when we used two bucket trucks, but never a crane. Still, we'll need lots of help for setting up the antennas and taking them

down. So, even if you won't be available to help operate on Saturday or Sunday, please consider coming out Friday afternoon or Sunday afternoon for setup and tear down. Josh, W6XU, will have many more details on the operating aspects of Field Day at the June meeting.

The Activities Chairperson position is still open. We would at least like to get someone to spearhead a club picnic, such as we had last year at Lee Dibble's house. Other activities could be field trips to the Maritime Museum, the USS Pampanito, a new ham radio store in Sacramento, and a breakfast. If you could help organize one of these events, please let me know.

Another article in a recent ARRL Letter told about a Wisconsin ham who, during an extra long hand shake, asked President Bush to support amateur radio operators in America and, after the hand shake was over, continued by telling him that BPL is a real concern for hams. This reminded me of a marketing technique called "The 30 Second Elevator Speech". You've just stepped into an elevator with a potential customer and you have the 30 second elevator ride to convince this person why he or she should buy your product.

If we each had a 30 second elevator speech prepared on the topic of BPL and amateur radio, if we found ourselves with a government official that could influence decisions regarding BPL, we could "sell" them on the amateur radio position. A 30 second elevator speech is short, to-the-point, and respectful of the "customer's" time. Do you have a 30 second elevator speech on BPL and amateur radio prepared? I don't, but I'll be working on one.

73,

Brian N6IYY