

Calendar of Events

Apr 4	Wed	5:30 PM 7:30 PM	Dinner at Marie Callenders, 2460 Mendocino Ave, Santa Rosa SCRA Meeting, Agilent Technologies, 1400 Fountain Grove Prkwy, Santa Rosa
Apr 6	Fri	7:30 PM	Marin ARC Meeting, Alto Clubhouse, 27 Shell Road, Mill Valley
Apr 7	Sat	10:00 AM	Red Oak Victory ARC Meeting, Point Richmond
Apr 11	Wed	6:30 PM	SCRA Board of Directors Meeting, 3450 Airway Dr., Santa Rosa
Apr 18	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
Apr 23	Mon	7:00 PM	Willits ARS Meeting, Brooktrails Firehouse, Willits
Apr 28	Sat	8:00 AM	VOMARC Hamfest, Sonoma Vets Bldg., 126 First St. West, Sonoma; Swap Meet, Breakfast, T-Hunt, VE session. Talk-in on 145.35- (PL88.5)
May 18-20			Dayton Hamvention
Jun 23-24			Field Day!

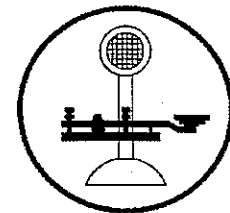
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WB6FRZ



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 scra@cds1.net  
http://cgs1.net/scra  
Repeaters  
146.73- • 224.48- • 441.375+



Repeater Station  
W6SON

Volume 26 Number 3

April 2001

SCRA President Practices Hypnosis on Membership



Swami Gordon

At the March 7<sup>th</sup> SCRA membership meeting, President Gregory Gordon AC6VJ tested out his study of *The Idiot's Guide to Hypnosis* on the membership during his presentation on the proper handling of Surface Mount Devices. To properly demonstrate the techniques of soldering and unsoldering the microscopic creatures, Gordon "hypnotized" the audience and shrunk them down to a size where the components became the size of briefcases. With the aid of his assistant, Vicki Cero KF6ZCT, using his equally large soldering tip and



Vicki Cero KF6ZCT, left and Gregory Gordon AC6VJ demonstrate soldering a SMD Photo by KA5S

pool of solder, Gordon showed the group how to work with the parts. When finished, Swami Gordon planted  
*see SMD on page 3*

AO-40 Team Starts Slowing Spin Rate

Initial efforts to slow AO-40's spin rate have been successful. Peter Guelzow, DB2OS, of AMSAT-DL and the AO-40 team says magnetorquing has been able to decrease AO-40's initial spin rate from 17.59 RPM to 15.9 RPM. "The target is something in the area of 5 RPM," Guelzow said this week.

The onboard magnetorquing system--which consist of solenoid coils--makes use of Earth's magnetic field to control the spacecraft's spin and orientation. Magnetorquing is most effective when Earth's magnetic field is strongest, so it typically only takes place at perigee--when the satellite is closest to the Earth. Ground controllers have been making incremental adjustments during each perigee.

Guelzow said that as soon as the spin is favorable, AO-40's attitude will be adjusted to improve communication with Earth. De-spinning the spacecraft is a necessary first step to making any attitude adjustments, however.

*see AO-40 on page 3*

★ RED STAR? ★

Is there a RED STAR next to your name on the mailing label? If so, then that means that we have not received your dues for the 2001-2002 fiscal year. This could be your LAST issue of *Shortskip!* The dues are \$20 per year for individual members and \$30 per year for a Family membership. Students under 18 years of age are half price (\$10). If you are a current SCRA member, a renewal envelope was 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 lost, please use the membership application on the inner last page. *Thanks!*



**2001 Club Officials**

<b>President</b>	Greg Gordon	AC6VJ	707 523-7077
<b>Vice President</b>	Bill Hillendahl	KH6GJV	707 544-4944
<b>Secretary</b>	Jeff Basham	W2JAB	707 542-3860
<b>Treasurer</b>	Jim Cardillo-Lee	KE6VGV	415 892-0317
<b>Director</b>	Rich Freitas	KF6SZA	707 578-9335
<b>Director</b>	John Mullan	KD2L	707 575-9176
<b>Past President</b>	Rick Reiner	K6ZWB	707 575-4455
<b>Activities Chairman</b>	Bill McCall	W6WDM	707 538-2844
<b>Public Service Chairman</b>	John Mullan	KD2L	707 575-9176
<b>Repeater Chairman</b>	Greg Gordon	AC6VJ	707 523-7077

**Short Skip & Web Staff**

<b>Editor</b>	Bill Hillendahl	KH6GJV	707 544-4944
<b>Editor</b>	Bill McCall	W6WDM	707 538-2844
<b>Hank's Swap Shop</b>	Jeff Basham	W2JAB	707 542-3860
<b>Web Master</b>	Jeff Basham	W2JAB	707 542-3860

**Contacts**

<b>Antenna Ordinance/Legal</b>	Lee Dibble	KE6EAQ	707 544-1675
<b>Public Relations</b>	Bill McCall	W2WDM	707 538-2844
<b>Raffles</b>	Brain Lukrich	KG6AQT	707 527-0795
<b>Refreshments</b>	Ted DeCroff	KB6PTA	707 542-4008
<b>TV/RF Interference</b>	Alan Bloom	N1AL	707 538-7115
<b>Volunteer Exam Liaison</b>	John Mullan	KD2L	707 575-9176

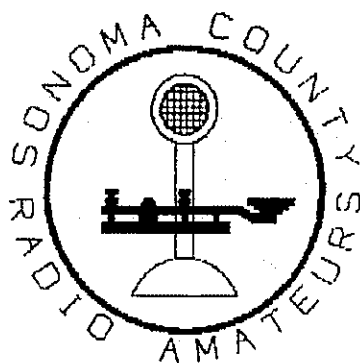
**SCRA Hotline** 707 579-9608  
**SCRA E-Mail** scra@cds1.net  
**SCRA Web Site** http://cgs1.net/scra

**Tuesday Night Net**

Check in to the SCRA net each **Tuesday** evening on the **146.73-(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	\$ 10
1 <sup>st</sup> Quarter Column	\$ 11
Each Addn'l Quarter Column	\$ 3
Full page (one side)	\$ 32
Pre-printed inserts (each)	\$ 32
<b>Guaranteed circulation of 200 per month!</b>	
For more information, contact the Editor.	



**CLUB MEETINGS**

The club normally meets the first Wednesday of each month at:

**Agilent Technologies**  
 1400 Fountaingrove Parkway  
 Santa Rosa, CA

The meeting starts at **7:30 PM**

**ALL ARE WELCOME!**

Please join us at our next meeting. Membership in SCRA is open to anyone interested in Amateur Radio. A membership application is included in this newsletter.

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

**NEXT MEETING**

**April 4th**  
**7:30 PM**

**Program:**  
 Home Brew Night &  
 The Science of Audio  
 with Bob Heil K9EID video

**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!

**Reno Spring Ham Swap 2001**

Brought to you by the Reno Area Metro Simplex amateur radio club, the Reno Spring Ham Swap is being planned for Saturday, May 12th, 2001 at KNPB Channel 5 in Reno starting at 7:00 AM. KNPB is located at 1670 N Virginia St. From Interstate 80, take the Virginia St exit and head North a little less than a mile on the right side of the street. Make plans now to clean out your garage and shack of all the equipment and things you are not using. There is ample parking at KNPB and vender sites are free but please bring your own tables.

There will also be a raffle in the morning hours with tickets costing only \$1.00 Pre-sales of tickets are available by contacting Glen Haggard, KK7IH at kk7ih@nvrams.org or 775-673-6401.

Coffee, doughnuts, and home baked cookies will be available at the swap. Call in frequency will be 147.060+ pl 123.0. For more information or reservations please contact Glen Haggard, KK7IH at kk7ih@nvrams.org or 775-673-6401. This is an indoor/outdoor swap. General admission allowed in at 7:00 AM. Admission is free. Free tours of the TV station will be offered during the swap.

VE exams by the W5YI VEC will begin at 9:00 AM. Comstock Amateur Radio Association will sponsor these Exams. For more info on exams contact Don Freeman W7FD at dfree1@worldnet.att.net or 775-851-1176. Also, here is a link to download a flier in a .PDF file: <http://www.nvrams.org/Downloads/2001.pdf>

**146.73 Update**

As of the writing of this *Shortskip* issue, ARRL Pacific Division Director Jim Maxwell W6CF is still working with all parties in attempt to resolve the issues. Even though Jim has been traveling the last week or so, he has been in contact with the groups.

SCRA members are welcome to contact SCRA President Gregory Gordon AC6VJ or any Board member if they have any comments or questions the issue.

Sonoma County Radio Amateurs, Inc.

Please Print Clearly

Membership Application

New [ ] Renewal [ ]

Name \_\_\_\_\_ Call Sign \_\_\_\_\_ License Class \_\_\_\_\_ Date \_\_\_\_\_

Address \_\_\_\_\_ Hm Phone \_\_\_\_\_ Wk Phone \_\_\_\_\_

City/State \_\_\_\_\_ Zip \_\_\_\_\_ E-Mail \_\_\_\_\_

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

**Payment Calculations:** Make checks payable to SCRA

Individual/Associate Member	\$ 20 (\$5.00/qtr)
Family Membership	\$ 30 (\$7.50/qtr)
Under 18 Membership	\$ 10 (\$2.50/qtr)
Badge	\$ 7
ARRL Dues (over 65)	\$ 34 (\$28)

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

When renewing your ARRL membership, please do it through SCRA. We get to keep \$2 for each SCRA member. *Thanks!*

Total \$ \_\_\_\_\_

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

**Badge Information**

Call Sign \_\_\_\_\_

First Name \_\_\_\_\_

City \_\_\_\_\_

**Autoslot Request:**

Licensed SCRA members are able to request an auto-dialing "autoslot" for the repeater phone patch. Complete the information below and send the form to the club.

Name \_\_\_\_\_ Call \_\_\_\_\_

Phone # for slot \_\_\_\_\_

## 4. Committee Reports

- a. Activities Committee - Bill McCall W6WDM
- Field Day - Various discussion regarding Field Day took place.
  - Newsletter - Bill KH6GJV and Bill W6WDM - Bill advised that the deadline for articles would be the 18th. He also advised John KD2L that he needed a list of public service events, which were on the agenda.
  - Public Service Committee - John Mullan KD2L
    - John reported that he had gotten calls from two event coordinators, whose events were already on the schedule. He also reported that the next SCRA V.E. session will take place on April 21st at 9:00am at Agilent. The Valley of the Moon hamfest will be April 28th, 2001.  
Current list of Public Service Events:
      - 4/22 - MS Walk
      - 5/5 - Wine Country Century
      - 6/30 - Terrible Two
      - 7/8 - Half Vineman
      - 7/21 - Healdsburg Harvest Century
      - 8/11 - Full Vineman
      - 9/29, 30 - Waves to Wine
  - Repeater Committee - Greg Gordon AC6VJ
    - Net Control Operators - 4-3 VJ, 4-10 ABA, 4-17 SUE, 4-24 VGV
    - Status of Repeaters - Greg reported that all of the SCRA's repeater systems are up and running on English Hill.
    - Status of Mediation with Jim Maxwell - Greg reported that Jim called him last Fri, and that encouraging words were exchanged.
    - Purchase from DB Products - Greg reported that he bought a 2m DB antenna for English Hill, and that the call will be installing it in a few weeks. Greg moved that they club issue a check to DB for \$1,190.13, for the antenna, feedline, and various other parts. The motion passed.
    - Letter to Khamvanh Souvannaphoxay KC6NDU - Greg reported to the board that SCRA member, John Breckenridge WB6FRZ was contacted by "Kam" regarding use of the 146.730 repeater. It was understood that a number of years back Kam and his family/friends were "chased" off the SCRA repeater for not speaking English, although they were following all FCC rules. Greg wrote a letter to Kam giving him specific permission and stating the SCRA's open door repeater policy, along with an invitation to join the club. Greg asked Jeff W2JAB to contact the Control Operators not present and make them aware of the situation.
5. Unfinished Business
- Meeting Programs - Apr - Annual Homebrew Night / Heil Video  
May - NA Logging / "Rescue At Sea" Video  
Jun - Field Day Prep / CQ Contesting Video
  - Club Calendar - Not yet issued.
6. New Business
- Correspondence - Jim KE6VGV brought a letter that he had seen on the web up for discussion. This letter, along with misc repeater issues were discussed.
  - Club Auction - John KD2L presented the idea of a club auction to the board. It was discussed, but no action was taken.
7. Announcements - None
8. Adjournment - The meeting was adjourned at 8:32 PM

**Dayton Hamvention 2001**

May 18 through 20, 2001 is really just around the corner. That is when the next grand-daddy of all Ham radio conventions and swap meet occurs in Dayton, Ohio. If you have not experienced the Hamvention, now is the time to sign up to go in 2001. Bill Hillendahl KH6GJV has started to collect names of those who are interested in going. The hard part is getting room reservations as the Hamvention attracts about 30,000 from all over the world, so rooms are scarce. Bill has blocked 10 rooms at a nightly room rate of \$68 plus taxes, and that is whether you have 1 or 2 people in the room. That is a significant reduction from the room rates paid in the last couple of years. The group is getting ready, so if you are interested in going, contact Bill at 707 544-4944 or kh6gjb@arrl.net

**Amateur Radio Spectrum Protection Act of 2001 Introduced**

The Amateur Radio Spectrum Protection Act of 2001 is now officially HR 817. Rep Michael Bilirakis of Florida introduced the bill on March 1 in the US House of Representatives. ARRL President Jim Haynie, W5JBP, and ARRL First Vice President Joel Harrison, W5ZN, visited the Congressman's office to thank him personally for his continuing interest in protecting amateur allocations.

The measure has been referred to the House Committee on Energy and Commerce. The bill seeks to amend the Communications Act of 1934 by requiring the FCC to make no reallocation of primary Amateur and Amateur-Satellite allocations, diminish any secondary Amateur and Amateur-Satellite allocations, or make additional allocations within amateur allocations that would substantially reduce their utility without also providing equivalent replacement spectrum.

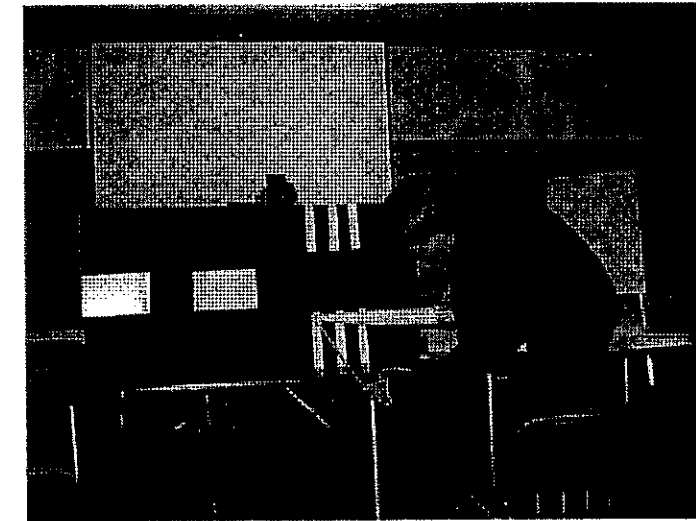
Early this month, a contingent of ARRL officials went to Washington for a three-day round of visits with senators and congressmen and their staff members. Haynie and Harrison also visited the FCC, where they spoke with Peter Tenhula, Chief of Staff to FCC Chairman Michael Powell.

Haynie was upbeat about the impact of the visits. "Once again we had an opportunity to tell our story about Amateur Radio and the important function it serves, especially in public service and education," he said. *From ARRL*

**A Note from Mike KG6DLK**

Occasionally, you will find me on the repeater using the autopatch with "kids." Often, these are Boy Scouts and I take every chance I get to introduce them to Ham radio. Since there aren't other contacts out there to chat all the time, the autopatch gives them a chance to talk on the radio and try out the technology. We've done this from the top of Mission Peak and from Angel Island. Also, from local events such as Scout-O-Rama. I expect we will have a couple of students in the new Technician class from this "outreach." Also, we got a few boys to the Field Day. After the last campout, one of the parents jokingly told me, "thanks a bunch. After that last trip, it looks like you're going to cost me a few hundred dollars buying my son a Ham radio!" Of course, his son is one of those looking forward to the class. Next time you hear us "playing" on the repeater, consider that this might be the first introduction to Ham radio of our next generation of operators. And, if you have a priority transmission, please do interrupt!  
Mike Von der Porten KG6DLK

## SMD (continued)



Gregory Gordon AC6VJ solders a SMD

Photo by KA5S

a post hypnotic suggestion of well being in his patients, returned them to original size and released them from the trance.

Audience member Toni Dill KF6ZCW later commented on how loose her shoes felt after the experienced and questioned whether Gordon had actually been successful in returning the audience to full size. Meanwhile, Gordon mentioned that he was considering opening a health spa with emphasis on hypnotherapy and shiatzu massage.

## AO-40 (continued)

Guelzow said the onboard YACE camera was used to take some photographs "for a quick attitude determination," but he said the digital photos were inconclusive. Additional pictures are planned once the spin rate is reduced and communication more reliable.

The AO-40 S-band (2.4 GHz) transmitter is active and transmitting telemetry as recovery efforts continue. When it met in Orlando late last month, the AMSAT-NA Board of Directors recognized that completing a full evaluation of AO-40 would take some time and that all of the satellite's designed functions may not be available. *From ARRL*

**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!

**April Program**

The April meeting will feature the club's annual Home Brew showcase and video on the science behind the famous Heil microphones.

The club's annual Home Brew program encourages members to show off the projects that they have undertaken to build a new antenna or device or modify existing equipment.

The video program is titled **The Science of Audio** and features Heil Sound owner **Bob Heil K9EID** giving his presentation on the audio characteristics of contest microphones at the 1999 Visalia DX convention. In the video, Bob demonstrates why he designed the frequency response of his widely used contest microphones

**ULS at SCRA Meetings**

**John Mullan KD2L** will have a computer at the meeting for members to register with the FCC's Universal Licensing System. Most Hams have not registered which is required to make any changes or upgrades to your license, even an address change. John will be available to help you through the process. The FCC computers run on east coast time, so you have to use the ULS before the meeting or at the break.

**VOMARC HAMFEST 2001**

April 28<sup>th</sup> - Saturday - 8AM to Noon

The Valley of the Moon Amateur Radio Club is holding its annual Hamfest on Saturday, April 28<sup>th</sup> from 8 until Noon. This terrific event has acted as the gateway for Summer Ham radio activities for many years. It will be held at the Sonoma Veterans' Memorial Building at 126 First Street West in Sonoma. Featured activities are the swap meet, VE session and T-hunt. The premier activity is the outstanding breakfast that is served! Talk-in is on the 145.35- repeater (PL 88.5). Put it on your calendar.

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



## ARES Comm Log

by Rich Freitas KF6SZA  
Greater Santa Rosa  
Emergency Coordinator

I was originally intending to write this month about the January earthquake in India, but then the Seattle/Tacoma area got hit with a 6.8 temblor, and, since it was much closer to home, I changed my plans to comment on that event. After all, Amateur Radio was in it's prime.

Local ARES and RACES teams were mobilized within minutes after the ground stopped shaking. The Salvation Army's SATERN net and Military Affiliate Radio System (MARS) were activated shortly thereafter. A 2-meter net was set up to assist the Red Cross with damage assessment. Three or four HF nets activated and passed hundreds of health-and-welfare messages. They even had an ATV link from a helicopter to the State EOC where Governor Locke was on hand to survey the damage below. There were very few injuries that required hospitalization and no deaths resulted from the quake. Very impressive!

I read a small article in WorldRadio about the India quake. It was only a paragraph long and the gist of it was that Ham radio's part in the event was coming to a close and the Bangalore Amateur Radio Club, which had posted several members to the quake zone, already had returned to Bangalore. Then the impact of this short article hit me. It said that the earthquake killed more than 50,000 people, injured many others and left upwards of 1 million homeless. It went on to say that in the immediate aftermath of the earthquake, Amateur Radio provided the only reliable communication with the outside world. Read that sentence again: ".....Amateur Radio provided the ONLY reliable communication with the outside world!"

Even now, over a month after the earthquake, communications systems have only partially been restored. Some of the hams assigned to the disaster area have only recently returned home. Incredible!

I certainly don't mean to undermine the severity of the Seattle quake nor do I mean to downplay Amateur Radio's importance in the event. Amateur Radio played a critical role in assisting both government and service organizations and should be recognized as

such. I just want you to think about what may happen in the event of a really BIG disaster in this area. Actually, make that ".....WHEN a really big disaster strikes this area." How would you react in the wake of a large-scale disaster? Are you prepared for it?

The ARES net meets on Mondays at 7:30 PM on 147.45 simplex. Join us!

## Public Service Events Calendar

John Mullan KD2L, SCRAPS Chairman

### April 22 - MS Walk-a-thon

Short walk-a-thon to benefit Northern California MS Society. Start/Finish is at Finley Park in SW Santa Rosa. 2 Rest stops, 1 or 2 sag wagons

### May 5 - Wine Country Century

100 mile bicycle ride, with a variety of alternate courses in western and northern Sonoma County. Santa Rosa Cycling Club Start/Finish at Luther Burbank Center in Larkfield; about 8 rest stops; possible sag wagons.

### June 30 - Terrible Two

Another Santa Rosa Cycling Club production. A double century ride, for none but the stout hearted. 200+ miles, with 16000 feet of climb. Starts at 5:30 AM, continues until 10:00 PM (Nobody is expected to work all that time) Start/Finish at Willowside School. ~10 rest stops, water stops and lunch stop. possible sag wagons

### July 8 - Half Vineman

A half distance triathlon, starts with a dip in the Russian River at Guerneville, Then a bicycle ride of ~50 miles around Sonoma County, followed by a half marathon (13 miles, 195 yards) Start last year was at Johnsons Beach, finished at Windsor H.S. 3 observers at beach, 8 bike course rest stops, 5 run course rest stops; possible sag wagons

### July 21 - Healdsburg Harvest Century

Healdsburg Chamber of Commerce. Family oriented 100km (and shorter variants) bike ride around Healdsburg. Start/Finish at Healdsburg Elementary school; 4-5 rest stops; 4-5 sag wagons

### August 11 - Vineman

Full distance triathlon, see description of Half Vineman and double all the distances. Starts early in the day (6:30 AM) and goes until 10:00 PM; 3 observers at beach, 8 bike course rest stops, 5 run course rest stops, possible sag wagons

### Sept 28 & 30 - Waves to Wine

A two day bike ride to benefit the Northern California MS Society. This event raises many dollars for MS research. Headquarters is at the Luther Burbank Center in Larkfield. Saturday is a ride of varying distances through western Sonoma County (Waves). Sunday is a ride, again of varying distance, through northern Sonoma County (Wine). 10 rest stops each day possible sag wagons

Sonoma County Radio Amateurs, Inc.  
Membership Meeting 3-7-2001

## MINUTES

- Call to Order, Verification of Quorum - The meeting was called to order by President Greg Gordon, AC6VJ at 7:41 PM at the Santa Rosa Agilent Technologies facility.
  - Introductions
    - Officers & Directors - The club officers and directors introduced themselves.
    - Guest Speaker - Gregory Gordon AC6VJ
    - Visitors - John KF6VOH, Len WA6KLLK, Carrie WB6FRZ-XYL, Judi AC6VJ-XYL
    - New Calls & Upgrades - Rich Freitas KF6SZA to Extra, Randy Black KE6VMZ to General
- Approval of Minutes - It was moved that the minutes of the February 7, 2001 membership meeting, be approved as printed in Shortskip. The motion passed.
- Officer & Director Reports
  - Treasurer - Jim Lee KE6VGV reported that the club has spent \$1900 of the SRCC repeater maintenance donation, and that the club has \$1800 in general reserve.
  - Officers - Bill Hillendahl KH6GJV spoke about SAREX/ARIS and the upcoming contact.
  - Directors - Rich Freitas KF6SZA invited all club members to check into the Monday night ARES net at 7:30pm on 147.45Mhz, and reported that there is a drill in the works.
- Committee Reports
  - Activities Committee - Bill McCall W6WDM reminded the membership about the Annual ARRL Field Day.
  - Newsletter Editor - Bill Hillendahl KH6GJV and Bill McCall W6WDM - Bill H. asked for comment on the newsletter and invited anyone to write an article and submit it to the newsletter.
  - Public Service - John Mullan KD2L reported the following public service event schedule:  
Current list of Public Service Events:  
4/22 - MS Walk  
5/5 - Wine Country Century  
6/30 - Terrible Two  
7/8 - Half Vineman  
7/21 - Healdsburg Harvest Century  
8/11 - Full Vineman  
9/29, 30 - Waves to Wine  
He also invited members that needed to use the ULS System to see him at the front corner of the room.
  - Repeater Committee - Greg Gordon AC6VJ said that all of the clubs repeaters were functioning on English Hill. Greg also said that he had purchased a DB30M 2 meter antenna, and feedline, connectors, etc for \$1800. Greg asked if anyone missed the SCRA's digipeater, and got no response. Greg also presented a small lecture on how antennas work, and how the DB30M will extend the coverage of the English Hill site. Once this antenna is installed it is believed that the English Hill repeater will have the same or superior coverage to the old Sonoma Mountain Site.
  - Update on SCRA/County of Sonoma dispute - Greg reported that the board had met with Jim Maxwell K6CF, regarding the issues, and that Jim is currently looking to find a pair of frequencies for a high level repeater. Jim Lee KE6VGV reported the board's position on the issues, and clarified a few points, those of which included: The SCRA board is acting as individuals in a team, they are not being controlled by Bill Hillendahl KH6GJV. Jim also made sure that the membership knew that the real issue is the fact that local government is trying to seize Amateur Radio Frequencies. Discussion took place on the above.
  - Lee Dibble KE6AQ gave a rundown of the new ARRL Online Emergency Course, and read comments from a student in Turkey regarding public and emergency service.
  - Len Gwinn WA6KLLK spoke to the club about the current repeater issues, and reported that the section is doing well. Len also announced that Rich KF6SZA, the ARRL Santa Rosa Emergency Coordinator, and director of the club, will be featured in the Section News, for his article on the "Go" bag, which was in the Short Skip newsletter.
  - Ted DeCoff KB6PTA read an email from his Son about the Seattle

## Earthquake.

- Unfinished Business - There was no unfinished business.
- New Business - There was no new business.
- Show & Tell - Cortland Richmond KA5S showed his new portable HF rig.
- Recess - There was a 10 minute break.
- Program - Greg Gordon AC6VJ gave a presentation on Surface Mount Technology.
- Raffle
  - Regular - Brian Lukrich KG6AQT conducted the regular raffle.
  - Membership - Sue Mullan K8SUE conducted the membership raffle.
- Announcements
  - Next Program - The next program will be the annual homebrew night.
  - Board Meeting next Thursday at Furniture Traditions, 3450 Airway Drive in Santa Rosa.
  - Dayton Hamvention - May 18 - 20, 2001. Contact Bill Hillendahl KH6GJV for more information.
- Adjournment - The meeting was adjourned at 9:27 PM.

Sonoma County Radio Amateurs, Inc.  
Board of Directors Meeting 3-14-2001

## MINUTES

Board Members Present: Greg Gordon AC6VJ, Bill Hillendahl KH6GJV, Jeff Basham W2JAB, Jim Lee KE6VGV, Rick Reiner K6ZWB, Rich Freitas KF6SZA, John Mullan, KD2L

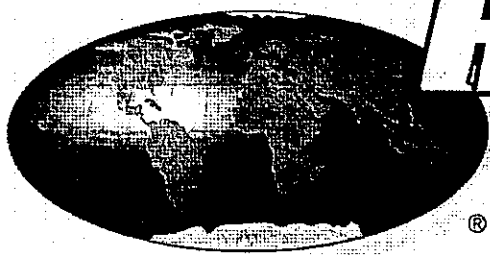
Committee Chairmen Present: Greg Gordon, AC6VJ, John Mullan, KD2L, Bill McCall W6WDM

Committee Chairmen Absent: Brian Lukrich, KG6AQT

Guests Present: Brian Torr, N6IY

- Call to Order, Verification of Quorum, Introductions - The meeting was called to order by President Greg Gordon, AC6VJ at 6:40PM. The meeting was held at Furniture Traditions, 3450 Airway Drive. A quorum was present in that seven of the seven voting board members were present.
- Approval of Minutes - Jim KE6VGV corrected item 3, i, c. Jim withdrew the motion that was tabled last month, and donated the \$100.00 office expense to the club. John Mullan KD2L moved that the minutes of the Board meeting of February 15, 2001, be approved as corrected. The motion passed.
- Officer & Director Reports
  - Treasurer
    - Current Financial - Jim KE6VGV reviewed the current account balances, and discussion took place regarding the amount in each account. Discussion also took place regarding some comments made via email and on the web.
    - Review and acceptance of audit report - There being no objection, this matter was carried over to the next meeting.
  - Officers
    - Secretary
      - Mail & Communications - Jeff W2JAB distributed the mail to the appropriate officers.
      - Web address at sonoma-county.com - Jeff W2JAB notified the board that a co-worker of his had offered to give the SCRA webspace on www.sonoma-county.com. It was decided by the board to stay with the current provider at this time.
      - ARRL Equipment Insurance - This matter was tabled until next month.
      - Badges - Jeff W2JAB reported that Jay's was unable to produce a prototype badge, due to the red-coloring on the call sign. The club will continue getting badges made at Crown Awards.
  - Directors
    - No directors had reports.

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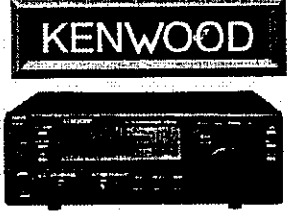
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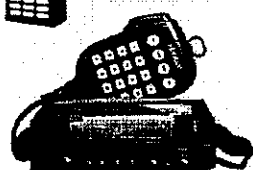
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**IC-706Mk II HF/VHF Transceiver**

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**ALINGO**

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- 21 memories
- Uses 3 "AA" Batteries
- Encode built-in
- Pivot antenna
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(DJ-S41T shown)

**IC-775/DSP HF Transceiver**

- 200W HF Transceiver • 101 memories
- DSP built-in • Digital noise reduction
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Just in...two new styles of SCSI drive case. Perfect for those RAID systems, server backup, or other mass storage systems! Both feature: Power and drive status LEDs, front panel on/off switch, SCSI ID switch, fan-cooled switching power supply. Attractive beige color, curved front panels. Rear panel is punched for SCSI-1 (ICN-50) daisy-chain connectors, minimal SCSI cable not included. Brand new in box, 90-day warranty

- Two-bay case
- RCA Jacks/ Sound Cable incl.
- Measures 6.3" x 7.0" x 11.25"
- 80-watt power supply

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- Four-bay case (similar styling to two-bay case above), no sound cable
- Measures 10.3" x 7.125" x 14.3"
- 200-watt power supply

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...and two more cases!

- 3.5" compact SCSI cabinet
- Ideal for 1" high SCSI drives
- Built-in fan-cooled power supply
- Two 50-pin Centronics daisy-chain connectors & SCSI switch on rear panel
- New, with IEC power cord, 90 day warranty

**HSC# 80545 \$9.95**

- CD-ROM drive tower case, made for Compaq Computer Systems
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- New, 90-day warranty

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- Separate jacks for capacitors and transistors
- "HOLD" function to capture measured peaks
- Soft rubber cradle protects meter, prevents slides
- Brand new! - With test leads
- Compare at prices of \$70, \$80 and up!

**HSC# 80504 \$39.95**

- Some people just don't like digital meters...
- Soltec HM102S 20 KOhm per Volt Multimeter
- Ranges: 0-1000VDC, 0-1000VAC, 0-50uA, 0.5, 5, 50 & 500 mA, 0-20 MOhm with X1, X10, x1K & X10K ranges
- Standard banana-plug test leads, manual included
- Carrying handle/stand, measures 3.5" x 5.25" x 1.5", mirrored dial for parallax-corrected readings
- New...90-day warranty

**HSC# 18260 \$9.95**

**Disk Drive Deals!**

- Seagate ST321271N "Barracuda Ultra-SCSI"
- 3.5" 2.16 GB hard disk drive
- 7200 RPM, 9.4 ms access time
- Packaged for Motorola product
- Brand new, with slide brackets
- OEM (Motorola) box, 90-day warranty

**HSC# 18388 \$49.00**

- Lite-ON Model LTN-301 32-speed CD-ROM drive
- Perfect for second drive, repaired or home-built systems
- Standard IDE 40-pin interface, manual, audio cable & driver disk
- Refurbished, 90-day HSC warranty

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- Supercharge Windows with PowerDesk!
- Drag, drop files with multiple views, built-in ZIP utility
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- Keep after the glitches with "Fix-It Utilities 99"
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- Talk...and your computer does the rest!
- Learns your voice in about 5 minutes
- 300,000+ vocabulary, with plug-in support
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- Boost productivity - voice-enable applications!
- Works with Win 95/98/NT, Lotus, Corel, AOL...MORE!

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**Talk to your Computer!**

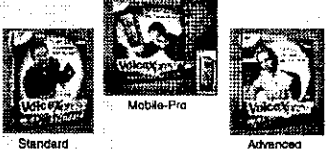
- "Voice Express - Advanced" software by L & H
- Learns your voice in about 5 minutes
- Accurately turns your voice to text
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- Boost productivity - voice-enable applications!
- Works with Win 95/98/NT, Lotus, Corel, AOL...MORE!

**HSC#18364 \$19.95**

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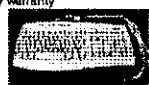
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- Hi-Pot tested w/large cooling fan
- Standard ATX Form-factor
- Brand-new, 90-day warranty


**HSC# 18350 \$12.95**



**Power Supply Specials!**

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- Standard AT "Mini Tower" Form-factor
- Brand-new, 90-day warranty


**HSC# 18351 \$14.95**



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- 200W fan-cooled power supply
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