Calendar of Events

Aug 1	Fri	7:30 PM	Marin ARC Meeting, Alto Clubhouse, 27 Shell Road, Mill Valley.
Aug 2	Sat	10:00 AM	Red Oak Victory ARC Meeting, Point Richmond
Aug 6	**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
Aug 13	Wed	6:30 PM	SCRA Board of Directors Meeting, Agilent Technologies
Aug 19	Tues	7:30 PM	Hamilton Wireless Assoc., Bldg 549, Hamilton Field, Novato
Aug 20	Wed Wed	7:00 PM 7:30 PM	REDXA Meeting, Carrow's, Petaluma Valley of the Moon ARC Meeting, McDougall Hall, Sonoma Developmental Center, Glen Ellen.
Sep 20	**Sat**	**Noon - 3 PM**	**SCRA Picnic** - Lee Dibble's 1290 Parsons Drive, Santa Rosa.
Oct 17 - 19			Pacificon - San Ramon - info: www.pacificon.org

Sonoma County Radio Amateurs, Inc.
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Short Skip

newsletter of the
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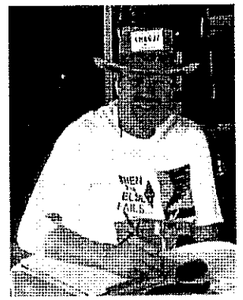
Volume 28 Number 5 *August 2003*

QTC

by
Bill Hillendahl KH6GJV
SCRA President



PCAM 8/24-24
CA PRB-1
Morse Code

The **Pacific Coast Air Museum's annual air show** is coming up the weekend of **August 23rd and 24th**. SCRA has participated in having a booth and running a special event station at the air show for the last four years. Having the booth at PCAM keeps Amateur Radio in the public eye, gives us an opportunity to recruit new Hams and have a great time at a terrific event! Of course, it requires manpower. We will need help with set up on Friday evening to get the antennas up and deliver the tables. Saturday and Sunday we will set up the booth, operate the radio gear and show off our hobby to the public. Tear down is Sunday afternoon. Want to help and have a good time? Contact me immediately so we pull it off.

Great news that Governor Gray Davis signed the law that is effectively California's PRB-1. But, don't go crazy with throwing up massive aluminum art objects above your shack. We still need to work with local building officials to educate them on the new law and work within the existing building ordinances on antenna structures. If a change in a local code is needed, let's work with our local officials toward an amicable end.

WRC-2003 did away with the CW requirement for HF operations. The United Kingdom and Switzerland have already eliminated the requirement. A US VEC organization has already filed a proposal with the FCC to eliminate the CW requirement. How will this effect Amateur Radio as we know it? Will it be good or bad for the service? I'd like to know your thoughts. Drop me a line. See you at the meeting.

CALIFORNIA GOVERNOR SIGNS AMATEUR ANTENNA BILL

Recent efforts by proponents of California's Amateur Radio antenna bill apparently paid off July 14 when Gov Gray Davis signed Assembly Bill 1228. The measure, which cleared both legislative branches with unanimous votes, incorporates the essence of the limited federal preemption known as PRB-1 into California law.

"Amateur Radio's message got through 'the pileup' in Sacramento," said ARRL Southwestern Division Director Art Goddard, W6XD. "Thanks to all the hams in California who wrote cards, letters and e-mails urging their representatives and their governor to pass this legislation."

In a statement (http://tinylink.com/?xzrT4PAIs9), Davis cited the "thousands of hours of volunteer service" Amateur Radio operators donate in support of state and local government. Davis said ham radio volunteers play a crucial role in times of disasters or emergencies. "By providing a reliable communication system during an emergency situation, such as a terrorist attack, Amateur Radio stations provide an invaluable service to the state of California," he added.

AB 1228 was sponsored by freshman Assembly member Bob Dutton (R-Rancho Cucamonga). Mike Mitchell, W6RW, spearheaded the Amateur Radio community's efforts to promote the bill. "Great news that Governor Davis signed AB 1228!" a delighted Mitchell reacted. "Congratulations to the hams of California!"

Goddard expressed similar elation. "This bill will give hams in California a fighting chance to have a reasonable antennas," he said. He also congratulated Dutton and his staff for shepherding the bill through committees and both legislative chambers without a single dissenting vote and thanked Mitchell for being "our sparkplug" on the bill. He also cited ARRL staffer Dean Straw, N6BV, and Pacific Director Bob Vallio, W6RGG, for speaking on behalf of the bill in committee hearings.

The bill went to Davis for his signature on July 3,

(Continued on page 8)

2003 Club Officials

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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.

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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!**

NEXT MEETING
August 6th
7:30 PM

Program:

Grid Dip Oscillators
by
Alan Bloom N1AL

(See article)

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. Anyone interested in Amateur Radio may be eligible for membership. A membership application is included in this newsletter.

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

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Public Service Events Calendar

John Mullan KD2L, SCRAPS Chairman
kd2l@pacbell.net (707) 575-9176

Sep 13 & 14 - Waves to Wine

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Contest Corner by Kevin Alt K6BSG

Hello contesters. No major events this month, but lots of good "little" contests that you can use to practice your contesting skills. Happy hunting!
Here is the round-up for August:
Aug 2: TARA Grid Dip Contest - PSK/RTTY, 80-6M. See www.n2ty.org/seasons/tara_grid_rules.html.
Aug 2-3: ARRL UHF Contest. See www.arrl.org/contests/rules/2003/uhf.html.
Aug 2-3: North American QSO Party - CW, 160-10M. See www.ncjweb.com.
Aug 2-3: Ten-Ten International Summer Phone QSO Party - SSB, 10M. See www.ten-ten.org.
Aug 2-3: PanAmerican Lighthouse-Lighthouse Weekend - All Modes, 160-10M, See arlhs.com/page3.html.
Aug 3: SARL HF DX Contest - SSB, 80-20M. See www.sarl.org.za/public/contests/contestrules.asp#HFCWPHONE.
Aug 9-10: Worked All Europe DX Contest - CW, 80-10M. See www.waedc.de.
Aug 9-10: Maryland-DC QSO Party - CW/Phone, 80-10M(SSB), 80-70cm(Phone). See www.w3cwc.org/rules.html.
Aug 16-17: ARRL 10 GHz and Up Contest - See www.arrl.org/contests/rules/2003/10-ghz.html.
Aug 16-17: North American QSO Party - SSB, 160-10M. See www.ncjweb.com.
Aug 16-17: SARTG WW RTTY Contest - RTTY, 80-10M. See www.sartg.com.
Aug 16-17: Keymen's Club of Japan Contest - CW, 160-6M. See www.jarl.com/kcj.
Aug 16-17: New Jersey QSO Party - CW/Phone, 160-10M. See www.qsl.net/w2rj.
Aug 16-17: SEANET Contest - CW/SSB/Digital, 80-10M. See www.seanet2003.com/contest.htm.
Aug 23-24: Ohio QSO Party - CW/SSB, 80-10M. See www.mrrc.net/oqp.
Aug 23-24: NRRL 75th Anniversary Contest - CW/SSB, 80-10M.
Aug 23-24: TOEC WW Grid Contest - CW, 160-10M. See www.qsl.net/toec/contest.htm.
Aug 23-24: Hawaii QSO Party - CW/Phone/RTTY/PSK31, 160-10M. See www.kark.us/HiQSOP/.
Aug 24-25: SCC RTTY Championship - 80-10M. See lea.hamradio.si/~scc/rtty/htmlrules.htm.
Aug 24: Colarado QRP Club Summer QSO Party - CW/SSB, 160-10M.
Aug 24: CQC Summer QSO Party - CW/SSB, 160-10M. See www.cqc.org/contests/summer03.htm.
Aug 30-31: YO-DX Contest - CW/SSB, 80-10M. See www.hamradio.ro/contests/yodx_eng.htm.
Aug 31: SARL HF DX Contest - CW, 80-20M. See www.sarl.org.za/public/contests/contestrules.asp#HFCWPHONE

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Sonoma County Radio Amateurs, Inc.
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Mail to: SCRA, P. O. Box 116, Santa Rosa, CA 95402

ARES *(Continued from page 4)*

starting up communications nets. This is why we always ask that you follow set procedures and that if asked to respond to an emergency location, you present yourselves in a professional manner. Imagine if this happened on one of our nets ... would we be asked back again?

It is an unfortunate fact that many served agencies and the general public judge our performance and value as a public service by what they hear via the scanners at special events and S.E.T. drills. If these events are poorly done the public reinforces its opinion that we are nothing more than glorified CBers. (Please note that there are many CBers, such as REACT, who do take their responsibilities seriously; I'm talking about the "Breaker, Breaker, Good Buddy!" ones here!) In some cases the public impression might be justified by what they hear or see us doing. If we do act like those CBers on nets or at events it is because we don't project the professional attitude we should.

Some served agencies view us as a nuisance instead of an assistant. The reason is that we sometimes do not pay attention to these agencies' specific needs or that we impose ourselves at an incident where they have not requested our services. We sometimes tend to operate within our own perceptions of what we think they need. These agencies know that they will and do need help with communications but we seem to assume that they will know all of our operating modes and methods; this is not true for most of them. In fact, when it comes to radio devices most only know about what they own themselves such as department radios and cell phones. The ideas that we can provide them with packet, ATV, APRS/GPS, long-range HF, CW, RTTY, VHF/UHF simplex and repeater communications is beyond their comprehension.

With this month's topic I would like to hear from each of you how we can improve our operations and also how we can educate the agencies and the general public about our operations and what we can and will do for them in times of need. It need not be much but this is how we all can learn new ideas to improve our image as emergency communicators.

The weekly ARES net for the greater Santa Rosa area is conducted on Mondays at 7:30 PM on 146.985 MHz, - offset, 88.5 PL; it is currently linked to 444.900 MHz, + offset, 88.5 PL. You may use either of these frequencies. All ARES members and guests are invited to check-in. Please join us.

California PRB-1 *(continued form page 1)*

and Goddard and Vallio promptly mounted a campaign to have amateurs contact Davis and urge him to sign it. Davis had vetoed a similar bill in 2000, in part citing the cost for studies the legislature had required. The 2003 bill contained no such provisions. Davis now is facing the possibility of a recall election.

The new law requires any ordinance regulating Amateur Radio antenna structures not to preclude but to "reasonably accommodate" Amateur Radio communications, to allow amateur station antenna structures "at heights and dimensions sufficient to accommodate Amateur Radio Service communications" and to constitute "the minimum practicable regulation to accomplish the legitimate purpose of the city or county."

The most ham-populated state in the US, California becomes the 20th state to adopt PRB-1 legislation. The state is home to some 100,000 amateur licensees--almost 15 percent of the US total.

A copy of the measure is available on the California Legislature Web site http://info.sen.ca.gov/pub/bill/asm/ab_1201-1250/ab_1228_bill_20030630_enrolled.html. *From ARRL Letter*

WRC-03 *(continued from page 3)*

18-19 meeting in Connecticut, however, the Board said it would solicit and review input from members on the Morse testing requirement and other possible revisions to Part 97 arising from WRC-03.

The first move on the Morse code question in the US is for someone to file a Petition for Rule Making with the FCC seeking a rule change. No Code International (NCI) <http://www.nocode.org/> has spearheaded the battle to eliminate the Morse requirement and would be a likely organization to file such a petition. NCI Executive Director Carl Stevenson, WK3C, said late last week that NCI was still studying the matter and had not yet made a final decision on a plan of action. An ARRL member, Stevenson says he hopes personally that the League would join NCI in actively encouraging the FCC to eliminate the Morse exam element as soon as possible.

Hopes for a quick resolution to the Morse question could be wishful thinking, however. Once a petition to drop the Morse exam element is filed, the FCC will put it on "public notice" by assigning an RM number and soliciting comments. If more than one such petition is filed, the FCC is obliged to invite comments on each. When that process is completed, the FCC may determine that a Notice of Proposed Rule Making (NPRM) is in order. The Commission at that point could incorporate all Morse-related rule making petitions into a single proceeding. The NPRM would get a docket number, and the comment process would begin anew.

Further complicating and extending the process, the FCC most likely would incorporate other pending Amateur Radio-related issues into the same NPRM. At the end of the comment and reply comment periods, the FCC would issue a Report and Order (R&O) that includes its decision on the Morse code requirement and any other issues incorporated into the proceeding. The whole process could take a couple of years, perhaps longer.

Ratification of the WRC-03 Final Acts by the US Senate does not appear to be necessary before the FCC can act or begin the rule making process. Following World Administrative Conference 1979 (WARC-79) which resulted in three new HF amateur bands, the FCC acted in 1982, prior to Senate ratification of the conference's Final Acts, not only to initiate the rule making process but to give amateurs limited access to 30 meters.

Radio Amateurs of Canada has advised hams in that country that the Morse qualification requirement remains in effect for operation below 30 MHz, "pending a review by Industry Canada of the impact of the WRC-2003 regulatory changes on the Canadian radio regulations, policies and procedures."

From ARRL Letter

Grid Dip Oscillators

The August program will be a presentation on an updated Grid Dip Oscillator (GDO) designed by Alan Bloom N1AL. GDOs are a useful tool from the past that still serve a purpose today. (See article in May 2003 QST) Al was first licensed in 1968, has at ARRL HQ as a W1AW operator and co-authored the License Manual and the Operating Manual while employed by the League. Al also designed commercial and amateur equipment at the R 1 Drake Company before joining Hewlett Packard, now Agilent.

ARES HAS GPS TRAINING FOR S.E.T.

by Fred Polkinghorn KQ6OB

On Saturday, July 26, the Santa Rosa ARES had their quarterly S.E.T. (Simulated Emergency Training) at Spring Lake Park. The purpose of the exercise was to use GPS to locate hidden messages around the park and to report these messages to Net Control. ARES members had received training on how to use their GPS at a previous semi-monthly meeting. The SET was a lot of fun and gave the members an opportunity to practice their newly acquired skills. GPS is an extremely valuable tool during search and rescue operations.

If you are interested in emergency service, we invite you to join the ARES group. We have a net every week on Mondays at 7:30 PM on the ARES repeater (146.835+, PL 88.5). Our meetings are on the second Monday at 7:00 PM every other month. The next face to face meeting will be on September 8 where we will receive CPR training. For more information on the ARES group and our meetings, please check in to the ARES net or call Rich Freitas (KF6SZA) at 578-9335.

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 kh6gjv@arrl.net. We'd love to see YOU in print!

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WHAT TO DO ABOUT THE MORSE REQUIREMENT POST-WRC-03?

World Radiocommunication Conference 2003 (WRC-03) made optional the requirement to prove the ability to send and receive Morse code to operate below 30 MHz. While Morse exam elements remain on the books in the US, Canada and elsewhere, Switzerland and the United Kingdom have apparently become the first countries to delete their Morse requirements for HF operation. In the US, however, the FCC is unlikely to act on its own motion to simply make the Morse testing requirement go away.

"There isn't an exception in the Administrative Procedures Act that I am aware of that would permit the Commission to issue an administrative fiat changing the license structure or exam-requirement rules," said an FCC staffer who's closely involved with Amateur Service rules. Other countries can do this because they have different laws and procedures, the FCC staff member observed, adding that even if it could be done here, "that still leaves unanswered the fundamental question: What do you want the new rules to be?"

In its December 1999 Report and Order restructuring Amateur Radio licensing, the FCC stopped short of revising the rules to sunset the Morse requirement automatically if WRC-03 deleted Morse proficiency from the international Radio Regulations. The FCC also acknowledged "a clear dichotomy of viewpoints" on the Morse code issue within the amateur community.

The ARRL's policy for several years has been that Morse should be retained as a testing element in the US. At its July

(Continued on page 8)

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ARES Comm Log

by Rich Freitas KF6SZA
Sonoma County District
Emergency Coordinator

NCS – The First 15 Minutes

I ran across this article awhile back and thought you might find it insightful. It was written by R.Bruce Winchell, N8UT, and it is intended to be a reminder that when a net first is called to duty, confusion will reign supreme. I have added a few 'minor' changes to make the scenario applicable to our area. Enjoy Bruce's story here and see if we can learn from this example.

Your EC just woke you up during your favorite TV sporting event. He wants you to start an emergency net from the net office; he is at the EOC. There is a ruptured gas main in a heavily populated part of town. Other than the location, he did not give you any more information. You turn on your 2-meter rig, grab a clipboard, and head for the net office. Your training kicks in. You begin asking yourself questions and writing down the answers.

OK, broken gas main ... police, fire, gas company, & EMA involved ... possible evacuation. Possible need for shelters ... transportation possibly needed ... likelihood of handicapped people in the area. Danger of asphyxiation ... explosion ... might go all night.

What kind of net to run? Open or directed?? How many people will I need??? How long do I estimate the event will last???? Do I need to hold some people in reserve for a shift change????? What agencies will be involved?????? Do we need a special liaison for these agencies??????? Do I have operators living in the effected area???? Which way is the wind blowing??? What is the safest route into the area???

I don't have enough information; the EC said he would call me with more information. Better find out what I have available right now. Pick up the mic and announce that there is an emergency situation developing and go with an open format standby net for now. Take check-ins. Ask two operators to go to other local repeaters and recruit people for participation assignments. Recruit someone to come to the net office to do logging and to make phone calls.

The EC finally calls back; he says to prepare for an all-nighter. You are going to need relief shifts. Evacuations will take place. Need to activate a Salvation Army shelter at a local high school. Salvation Army has been notified; they want voice and packet stations for the shelter. Requests five operators to report to staging area to do head counts on city buses being used for the evacuation. Need two operators for the EOC ASAP!

Back on the air; formalize the net. Request two members for the EOC to work a four-hour shift; one needs to be packet capable. Recruit two more to pick up portable packet station stored at the net office and then have them respond to the high school shelter. Find five members to do the head-counts and assign them a team leader to compile the reports. Send them into the area from the north.

Ask for a base station close to the staging area to liaison traffic from the staging area volunteers to the Salvation Army shelter on a simplex frequency so that HTs can be run on low power to conserve batteries. Ask the liaison to only relay compiled totals to the NCS.

Request a qualified NCS volunteer to run a resource net with two reliefs on a secondary repeater. Instruct all remaining volunteers not yet assigned to a task to check-in on the resource net. Hmmmm ... 8 minutes ... not bad ... smooth as silk! Call the EC and give him a progress report.

Darn ... can't reach the EC.

8 min., 15 sec. – Logging volunteer shows ... slightly drunk!!

8 min., 30 sec. – Your wife calls ... the commode is plugged up and she can't find the plunger. You smile ... it's taped to the tower holding your new wire antenna.

9 min. – Your 6-year old calls and tells you there is a big fire in a warehouse across town ... they think it's where you work ... it's on TV and it's a half-mile from the gas leak!!!

9 min., 30 sec. – Over in the corner a loud noise begins ... it's the CDF scanner ... it's fire season!!

9 min., 50 sec. – The phone rings again. Your assistant picks it up and then drops it, hiccups loudly, and hands the phone to you. It's the EC. The receiver is broken but you manage to understand what he wants now. He wants a CDF sub-net on a secondary repeater ... he also wants the ATV team to respond to the warehouse fire. You tell the EC "no problem."

11 min. – Resource net calls back. One of the ATV guys is already responding to the shelter as a packet operator and the other is your hiccupping assistant!! The other ATV team is out of town on business. You tell the resource net to work it out with your sympathy.

12 min., 10 sec. – You call the EC and tell him there is a slight delay but there is "no problem."

12 min., 40 sec. – You start pouring hot coffee into your assistant. Maybe he will function a little better as a wide-awake drunk???

13 min., 5 sec. – Your pager goes off telling you that you do not have to report to work in the morning!

13 min., 20 sec. – The computer printer connected to the packet station starts spitting out paper. The packet station is still programmed for the testing of a new program. The search for paperwork begins until you realize it is in your briefcase at work ... where the fire is!

13 min., 35 sec. – The liaison station calls on the radio to report that one of your staging area volunteers has gone into labor ... her water has broken and she wants to know if she can leave for the hospital.

13 min., 55 sec. – The 16-year old who just took the test ten times to get his tech license calls in a priority message on his old, borrowed HT with a half-dead battery, on a rubber duck antenna, from 15 miles out of town to report that the wind just blew over the outhouse with granny inside! Granny got confused after she rolled out of the outhouse and then fell into the pit! After eight more broken transmissions you finally find out that she is OK but she smells sumthin' awful!

Welcome to the first 15 minutes of an emergency net from inside a net control station. Even thought this was written with some humor to it, situations like this can and do occur when

(continued on page 8)

Sonoma County Radio Amateurs, Inc.
Membership Meeting 7-2-2003
MINUTES

i. Call to Order, Verification of Quorum - The meeting was called to order by President Bill Hillendahl KH6GJV at 7:30 PM at the Santa Rosa Agilent Technologies facility. There were more than 31 people present.
   a. Introductions
      i. Officers & Directors - The club officers and directors introduced themselves.
      ii. Guest Speakers/Program - Review of Field Day
      iii. Visitors - There were several visitors.
      iv. New Calls & Upgrades - Ron Bracklow changed his call from N6PWW to W6BR
ii. Approval of Minutes - Approval of the minutes of the June 6, 2003 meeting was deferred as the July edition of Short Skip had not been mailed yet.
iii. Officer & Director Reports
   i. President - Bill Hillendahl KH6GJV - Bill reported on Pacificon 2003 and handed out flyers; He reported that Sarah Davis N6FAX had become a silent key. A moment of silence was conducted in memory of Sarah.
   ii. Vice President - Brian Torr N6IIY - Nothing to report.
   iii. Secretary - no report
   iv. Treasurer - Jeff Basham KK6JAB - Jeff reported the account balances.
   v. Directors -
      i. Josh Fiden AD6XI - Nothing to report.
      ii. Jim Lee KE6VGV - Nothing to report.
   • Past President - Greg Gordon AC6VJ - Nothing to report.
4. Committee Reports
   a. ARES - Rich Freitas KF6SZA - Rich reported on the upcoming SET and the July 7th face-to-face meeting on using GPS. GPS will be used in the SET. Rich also mentioned that the Marin ARS was looking for help for a public service event.
   b. Mobile Comm Van - Greg Gordon AC6VJ - Lee Dibble KE6EAQ reported that he had secured a buyer for the GMC RV which resulted in a donation to the club in the amount of $3,250. The RV was donated by Frank Anderson.
   c. Activities Committee - Josh Fiden AD6XI -Josh reminded members to mark their calendar for the club picnic on September 20th.
   d. Newsletter - Bill Hillendahl KH6GJV - Bill said that a Late July edition of Short Skip will be published with photos from Field Day.
   e. Public Service & VE - John Mullan KD2L - Sue Mullan K8SUE reported on the Terrible Two event. Bill KH6GJV advised that John KD2L had requested assistance with the public service coordination.
   f. Repeater Committee - Greg Gordon AC6VJ
      d. Net control volunteers - Greg requested Net Control volunteers. Bill McCall W6WDM, Karl Johnston K6QMT and Walter Masten KG6OXW volunteered.
      e. Status of Repeaters - Greg reported on the status of the repeaters. Members had comments on the lack of sensitivity of the 146.985 repeater.
      f. SCRA v NARCC - Greg reported on the status of the case. The stipulation to reinstate the suit was signed by NARCC's attorney and had been submitted to the court.
5. Unfinished Business - Brian Torr N6IIY reported on the progress of the roster.
6. New Business - None
7. Member Biography - Bruce Donecker N6CT talked about his entry and interest in Ham Radio.
8. Show and Tell - Skipped
9. Recess - a recess was held from 8:05 PM until 8:25 PM
10. Program - Pictures from various photographers and a video put together by John Mullan KD2L were shown. Activities Chairman Josh Fiden AD6XI discussed Field Day.
11. Raffle
   1. 50/50 - Kevin Alt K6BSG split $4 with the club.
   2. Membership - Bill Hillendahl KH6GJV won the $23.70 that was in the can.
12. Announcements
   1. Next Program - Al Bloom N1AL on Grid Dip Meters
   2. Board Meeting is next Wednesday at 6:30 PM at Agilent.
   3. Pacificon - San Ramon, CA October 17 - 19, 2003
13. Adjournment - There being no objections, the meeting was adjourned at 10:10 PM

Sonoma County Radio Amateurs, Inc.
Board of Directors Meeting 6-11-2003
MINUTES

Board Members Present: Bill Hillendahl KH6GJV, Brian Torr N6IIY, Jeff Basham KK6JAB, Josh Fiden AX6XI, Jim Lee KE6VGV and Greg Gordon AC6VJ.

Guests Present: Dave Haupt N8RF and John Mullan KD2L

1. Call to Order, Verification of Quorum, Introductions - The meeting was called to order by President Bill Hillendahl KH6GJV at 6:42PM. The meeting was held at Agilent Technologies, 1400 Fountaingrove Parkway, Santa Rosa. A quorum was present in that six of the seven voting board members were present.
2. Approval of Minutes -Approval of the minutes of the 6-11-03 meeting was deferred as they had not been published.
3. Officer & Director Reports
   1. President - Bill KH6GJV - The check from the sale of the GMC RV had been deposited.
   2. Vice President - Brian N6IIY - Nothing to report.
   3. Secretary - office vacant
   4. Treasurer - Jeff KK6JAB - Jeff reported the account balances.
   5. Directors
      1. Josh AD6XI - Nothing to report.
      2. Jim KE6VGV - Nothing to report.
   6. Past President - Greg AC6VJ -Nothing to report.
4. Committee Reports
   1. ARES - Rich KF6SZA - Not present. The coming SET on 7/26 using GPS was discussed.
   2. Mobile Comm Van - Greg AC6VJ - radios are being researched and Rich KF6SZA is working on a paint job.
   3. Activities Committee - Josh AD6XI
      1. Field Day - Al Ferrera K6MXI's comments were discussed as were other member comments on Field Day.
      2. The club picnic - September 20th at Lee Dibble's home, Noon to 3 PM - Details were discussed. There is no conflict with a public service event.
   4. Newsletter - Bill KH6GJV - The July edition will be published later with Field Day photos.
   5. Public Service & VE - John KD2L - John recapped the Terrible Two event. There being no objections, the July VE session was dropped. John will be looking for a new Public Service Chairman. Future events: 7/19 Harvest Century; 9/13 Wave to Wine; 10/12 Diabetes Society.
   6. Repeaters - Greg AC6VJ
      1. Status of Repeaters - Greg is working on the desense on 146.985. He reported on the Geysers location.
      2. Legal update - in executive session.
      3. Weekly Net Control - 8/5 - AC6VJ; 8/12 - N6IIY; 8/19 - KG6OXW; 8/26 - AD6XI
5. Unfinished Business
   1. Meeting Programs
      January - ARISS
      February - Hollowstate Devices
      March - Stealth Antennas
      April "Homebrew Night"
      May - Ham Radio Squares
      July - Field Day review
      August -Al Bloom N1AL on Grid Dip Meters
      September - October -
      November - Elections & Repeaters
      December - "Christmas Party" & Photos
      June - "Field Day" & Contesting
      Programs Ideas - 911 Services; Echo Link; Voice of America
   2. Club Calendar - No changes
6. New Business - Brian N6IIY moved that SCRA's purpose from the constitution be posted on the SCRA website. The motion passed.
7. Executive Session - Legal issue.
8. Announcements - None.
9. Adjournment - The meeting was adjourned at ended at 9:35 PM.

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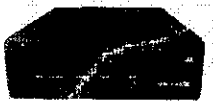

- Magnavox Model No VR8100AT01 video player
- Standard "F" type connectors for inline connection
- Rear panel switch selects Ch. 3 or Ch. 4 output
- RCA jacks for line level video/audio connect
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- Refurbs, 90-day warranty

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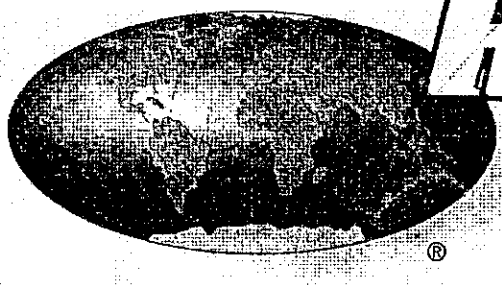

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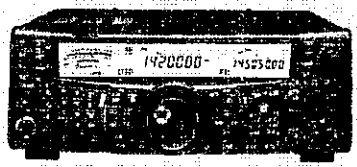

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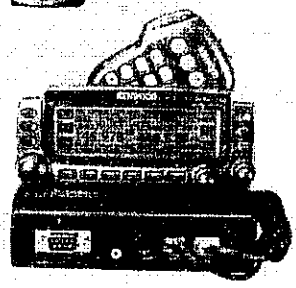

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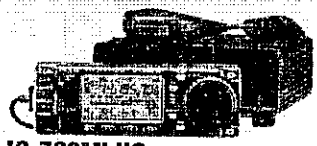

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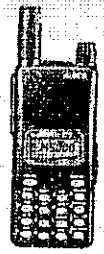

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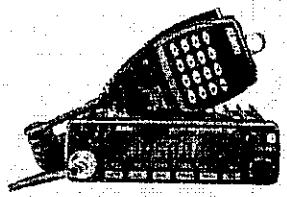

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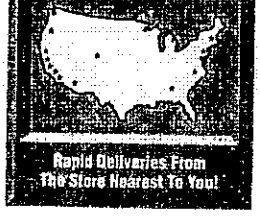

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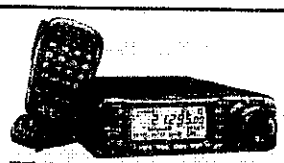

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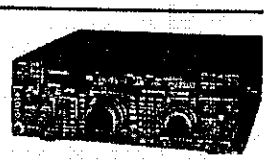

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