

Calendar of Events

Dec 6	Wed	6:30 PM	SCRA Christmas Party - Michele's Restaurant, 7 th & Adams St., SR
Dec 13	Wed	6:30 PM	SCRA Board of Directors Meeting, 3450 Airway Dr., Santa Rosa
Dec 20	Wed	7:00 PM	REDXA Meeting, Carrow's, Petaluma
	Wed	7:00 PM	Valley of the Moon ARC Meeting, Sonoma Police Dept.
Dec 31/Jan 1			ARRL Straight Key Night
Jan 3	Wed	7:30 PM	SCRA Meeting, Agilent Technologies, Santa Rosa
		5:30 PM	Dinner before at Marie Callenders, 2460 Menndocino Ave, Santa Rosa
Jan 6	Sat		Kid's Day 2001 (see article inside for details)
Jan 10	Wed	6:30 PM	SCRA Board of Directors Meeting, 3450 Airway Dr., Santa Rosa
Jan 17	Wed	7:00 PM	REDXA Meeting, Carrow's, Petaluma
May 18-20			Dayton Hamvention

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

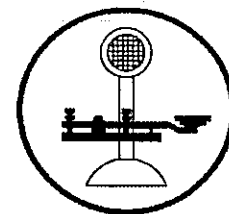
ADDRESS SERVICE REQUESTED

Presort Standard
 U.S. POSTAGE PAID
 SANTA ROSA, CA
 PERMIT NO. 658

John Breckenridge
 574 Wild Oak Dr
 Windsor CA 95492

Expires: 03/01/2001

WB6FRZ



Club Station
W6LFJ

Short Skip

newsletter of the

Sonoma County Radio Amateurs, Inc.

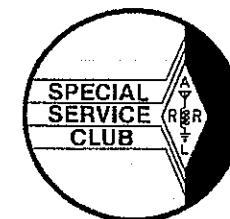
P. O. Box 116, Santa Rosa, CA 95402-0116

(707) 579-9608 scra@cads1.net

http://cads1.net/scra

Repeaters

146.73- • 224.48- • 441.375+



Repeater Station
W6SON

Volume 25 Number 12

December 2000

Happy Holidays

Rick's Ramblings

I can't believe this year is coming to a close so quickly, but here we are with our annual Christmas Dinner Party and meeting just around the corner. We of the SCRA Board of Directors are hoping to see lots of our ham friends attend. We will not only be having our special guests attending from the North Pole but also there is going to be a special raffle with some really great prizes to be had.

Congratulations to our new Officers and Board of Directors. I'm sure they will all do an outstanding job for us. I'm sure glad our elections run a bit smoother than the recent national election. I encourage all to give them your support. The club has several activities through out the years and volunteers are always needed. Don't be afraid to raise your hand or sign up. The job won't take long and you will have fun. I promise!! You might even learn something.

Y 2 K has been a busy year for me and the Board but I feel we accomplished some important things, such as finding a new venue for our annual swap meet, updating the club bylaws and some up coming repeater improvements. We also received a wonderful gift from the Santa Rosa Cycling Club (Thanks to Randy Black and Bill McCall for helping to orchestrate that) that will greatly help with our repeater improvements.

Its has been fun being your president for a forth time, I believe I may be the first to do so. Thanks to the other
(Continued on page 3)

IT'S ALIVE! PHASE 3D IS NOW AO-40

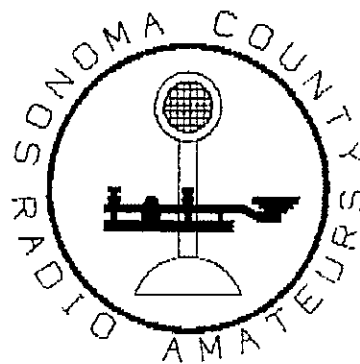
Alive and well and in orbit around Earth, the satellite known for the past decade as "Phase 3D" has a new name. AMSAT-NA Board Chairman Bill Tynan, W3XO, this week announced that Phase 3D now will be known as AMSAT-OSCAR 40, or AO-40.

"We have been calling it Phase 3D for far too long," Tynan said. "Henceforth it will take its place in the long line of OSCARs, satellites built by the Amateur Radio community for the Amateur Radio community throughout the world."

Tynan said he got the official go-ahead from Phase 3D Project Leader Karl Meinzer, DJ4ZC, to assign an OSCAR number. It's been 40 years since the first OSCAR satellite launched. AMSAT-OSCAR 40 was dedicated to the memory of one of its principal builders, Werner Haas, DJ5KQ, and operates under the call sign DP0WH. Haas died earlier this year. A plaque aboard AO-40 is dedicated to his memory.

Tynan, whose tenure as AMSAT-NA President covered the early years of the Phase 3D project, was overjoyed to see the satellite finally in orbit. "Congratulations and thanks to all who participated in any way to this wonderful achievement," he said.

Following a one-day postponement, Phase 3D was successfully launched November 16 at 0107 UTC and placed into a geostationary transfer orbit, from which it
(continued on page 3)



2000 Club Officials

President	Rick Reiner	K6ZWB	707 575-4455
Vice President	Greg Gordon	AC6VJ	707 523-7077
Secretary	Bill Hillendahl	KH6GJV	707 544-4944
Treasurer	Jim Cardillo-Lee	KE6VGV	415 892-0317
Director	Rich Freitas	KF6SZA	707 578-9335
Director	Bill McCall	W6WDM	707 538-2844
Activities Chairman	Jeff Basham	W2JAB	707 575-9354
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
Editor	Bill McCall	W6WDM	707 538-2844
Audio Taping	Jeff Basham	W2JAB	707 575-9354
Hank's Swap Shop	Jeff Basham	W2JAB	707 575-9354
Web Master	Jeff Basham	W2JAB	707 575-9354

Contacts

Antenna Ordinance/Legal	Lee Dibble	KE6EAQ	707 544-1675
Public Relations	Bill McCall	W2WDM	707 538-2844
Raffles	Jeff Basham	W2JAB	707 575-9354
Refreshments	Ted DeCroff	KB6PTA	707 542-4008
TV/RF Interference	Alan Bloom	N1AL	707 538-7115
Volunteer Exam Liaison	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 st Quarter Column	\$ 11
Each Addn'l Quarter Column	\$ 3
Full page (one side)	\$ 32
Pre-printed inserts (each)	\$ 32
Guaranteed circulation of 200 per month!	
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

December 6th
6:30 PM

Christmas Party!

Michele's Restaurant
 7th & Adams Streets
 Santa Rosa

Join us for the annual holiday party! There will be a photo show of the activities for the year. \$25 per person. **RSVP REQUIRED** to 544-4944. Payment accepted at the door.

Straight Key Night

The annual ARRL Straight Key Night is on for 24 hours, starting January 1, 2001 at 0000 UTC through 2400 UTC (that's 1600 12/31 to 1600 1/1 PST). The event is to get back to the "basics" of operating without all the bells and whistles that we have become accustomed to using. The emphasis is on "rag chewing" and not on hard core contesting. Many participants end up qualifying for the "Rag Chewers Club" by making one 30 minute QSO.

For more details, see the article on page 99 of the December 2000 *QST*, or check out the Contest web page at www.arrl.org/contests. "See" you on the air!

Local Gov't to Enforce CB Rules
 An Editorial

Congress recently passed and President Clinton has signed a bill that will allow local governments to enforce the FCC's rules, and, make and enforce their own rules regarding Citizens Band

operations. The new law specifically relates to CB and not licensed amateur radio issues. The FCC encouraged the new "enforcement" partners as they admit that they do not have the resources to deal with the problem.

On its face, the new law looks good. However, what happens when your 100 watt HF rig on 6 meters "works" your neighbor's VCR, cordless phone and answering machine? More than likely, your neighbor will call the police to "do something about it." A recent experience occurred when during a contest, a neighbor complained to the phone company about the next door Ham trashing their phone devices. The phone company assured the neighbor that the transmitter operator was "operating with illegal power and on an illegal frequency."

The average cop on the beat does not know the difference between amateur radio and CB. Neither do a number of local government officials. What are you going to do when a police officer arrives at your door and arrests you for "illegal operation?" You are only required to display your license and allow inspection of your station to FCC personnel.

What do you think?

Please Print Clearly		Sonoma County Radio Amateurs, Inc. 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	\$ 18 (\$1.50/mo)	Dues - Full Year (3/1 to 2/28)	\$ _____	
Family Membership	\$ 27 (\$2.25/mo)	Dues - Prorated _____ Mos. X \$ _____/mo	\$ _____	
Under 18 Membership	\$ 9 (\$0.75/mo)	Badge	\$ _____	
Badge	\$ 7	ARRL Dues	\$ _____	
ARRL Dues (over 65)	\$ 34 (\$28)	Donation	\$ _____	
When renewing your ARRL membership, please do it through SCRA. We get to keep \$2 for each SCRA member. <i>Thanks!</i>		Total	\$ _____	
Mail to: SCRA, P. O. Box 116, Santa Rosa, CA 95402				
Badge Information			Autoslot Request:	
Call Sign _____			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.	
First Name _____			Name _____ Call _____	
City _____			Phone # for slot _____	

- a. Election of Officers and Directors - Greg Gordon AC6VJ announced the candidates proposed by the Nominations Committee. The candidates were as follows: President - Greg Gordon AC6VJ; Vice President Bill Hillendahl KH6GJV; Secretary Jeff Basham W2JAB; Treasurer - Jim Cardillo-Lee KE6VGV; Directors - Rich Freitas KF6SZA, Bill McCall W6WDM and John Mullan KD2L. Nominations were opened for more candidates. None were forthcoming. The election was conducted by Rick Reiner K6ZWB.
- 7. Show & Tell - Bill McCall W6WDM and Sue Mullan K8SUE showed the leather fanny packs with pouches for cell phones that will fit most HTs. The pouches are available at the Wilson's Leather store at Santa Rosa Plaza for about \$20. Jeff Basham W2JAB showed his new Alinco DJ280 HT for 220 MHz.
- 8. Recess - The meeting went into recess at 8:18 PM and resumed at 8:35 PM.
- 9. Program - The result of the election was announced. The 2001 officers and directors are as follows: President - Greg Gordon AC6VJ, Vice President - Bill Hillendahl KH6GJV; Secretary - Jeff Basham W2JAB; Treasurer - Jim Cardillo-Lee KE6VGV; and Directors - Rich Freitas KF6SZA and John Mullan KD2L.
- 10. Raffle
 - a. Regular - The 50/50 raffle was won by Cortland Richmond KA5S who split \$34 with the club.
 - b. The membership raffle was won by Cortland Richmond KA5S \$5.00 in small change. Cortland donated the winnings back to the club.
- 11. Announcements
 - a. Next Program - Christmas Party at Michele's Restaurant, 7th & Adams Street, Santa Rosa, 6:30 PM.
 - b. Board Meeting next Wednesday at Furniture Traditions, 3450 Airway Drive, Santa Rosa, at 6:30PM.
- 12. Adjournment - The meeting was adjourned at 9:34 PM.

Corrections

In the minutes of the Board of Directors meeting of 10-11-2000, under the report on the swap meet (4,a,i.) it was erroneously noted that the Treasurer stated that the profit from the swap meet was between \$00 and \$500. It should have read, "between \$400 and \$500."

**Kid's Day 2001
A Pathway for Tomorrow's Hams**

Every day we miss opportunities to spend "quality time with our children." By 9 PM we find ourselves wondering where the day went and why we haven't managed to "connect" with the kids. Kid's Day on January 6, 2001, offers a chance to restore that "connection" and spend some "quality time" with youngsters--yours or someone else's--by sharing your ham station with them for a day.

Sponsored by the Boring (Oregon) Amateur Radio Club, Kid's Day began in 1994 as a one-hour time slot, and kids exchanged their favorite color. The initial event drew fewer than 50 participants, but more than 1000 have turned out for recent Kid's Day events in January and June. Kid's Day now is sponsored and administered by the ARRL with the cooperation and assistance of the BARC. During Kid's Day, youngsters--licensed or not--are encouraged to enjoy ham radio under the supervision of a licensed

parent or other adult. Kid's Day isn't really a contest but a chance for young people to experience Amateur Radio firsthand--to try it on for size. First and foremost, Kid's Day is meant for the participating youngsters to have fun and maybe absorb a bit of the ham radio spark that could flare up into a lifelong interest down the road. Some suggestions: During periods of slow activity, have the kids make drawings that reflect their feelings about ham radio and Kid's Day. Whether it's an antenna, a radio or a big smiley face, ARRL wants you to send it in. "We are collecting these drawings--they can be done by computer or crayon--and will use some of them to design a new Kid's Day certificate," says the ARRL's Jean Wolfgang, WB3IOS. Submittals should include the child's name, age and contact information (including e-mail, if available) for the sponsoring amateur. Send the artwork to jwolfgang@arrl.org or to ARRL, Kid's Day Artwork, 225 Main St, Newington, CT 06111.

"The kid sitting beside you may or may not be a ham in the years to come," Wolfgang says, but I bet you will both have a good time--and who knows what the future will bring?"

More information about Kid's Day 2001 appears on page 45 of the December QST and on the ARRL Web.

Thanks, ARRL Letter.

Hungry before the monthly meeting?

A new tradition is in the making. For a number of months, a group of hungry members has been getting together before the monthly SCRA meeting for dinner. You are welcome to join us! 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!

PARTS PROFESSIONALS // WHOLESALE-RETAIL // NO REPAIRS

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

Mon.- Fri. 8:00-5:30	Steve Basham OWNER	(707) 527-6000
Saturday 9:00-12:00		(800) 675-7557
Sunday Closed		Fax (707) 527-1368

Rick's Ramblings (continued)

Officers and Board members as well as committee chair persons and volunteers. We could not have accomplished what we have without you.

Have a wonderful holiday season and I hope to see lots of old and new friends at our meeting in 2001.



Rick Reiner, K6ZWB
President SCRA

AO-40 (continued)

will be nudged into its final high elliptical orbit. When the Ariane 5 launcher successfully deployed Phase 3D at 0153 UTC, cheers erupted from the AMSAT team monitoring the flight's progress in the Arianespace control room. The satellite is not expected to be ready for general use for about nine months.

"It was a textbook launch," said Phase 3D Mission Director and AMSAT-DL Executive Vice President Peter Guelzow, DB2OS. Guelzow, who's filling in for Phase 3D Project Leader Karl Meinzer, DJ4ZC, said the satellite appears to be in excellent health. A "general beacon" was transmitting on approximately 435.450 MHz. The AO-40 PSK beacon has been monitored on or about 145.898 MHz--slightly different from the expected frequency.

This week's Phase 3D launch culminated a decade of planning, design, construction and testing as well as an ambitious fund raising campaign. The ARRL was among the major contributors to the Phase 3D project.

Newly elected AMSAT-NA President Robin Haighton, VE3FRH, hailed the news of the launch. "It expands the capabilities of radio amateurs to work with higher frequencies and develop advanced communication techniques," he said. "Once more, Amateur Radio operators will be at the leading edge of experimentation in communications."

The satellite now is in orbit some 585 miles above Earth at the closest point. Phase 3D's final elliptical orbital configuration will put the satellite some 2500 miles

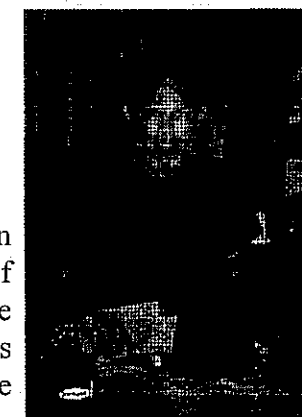
away from Earth at its nearest point, and some 29,500 miles at its farthest.

At 630 kg (1380 lbs) and some 20 feet across when the solar panels are deployed, Phase 3D is the largest Amateur Radio satellite ever put into space. Three other satellites, the giant PanAmSat PAS-1R communications satellite and the smaller STRV-1C and 1D mini-satellites, joined AMSAT Phase 3D--now AO 40--for the ride.

For more information, visit the AMSAT-NA Web site, <http://www.amsat.org>. (From ARRL Newsletter)

Jim Pelmulder N6PTM

Silent Key



James "Jim" Pelmulder died on November 1, 2000 at the age of 65 ending his 5 year struggle with ALS (commonly known as Lou Gehrig's disease). He died peacefully at home in Windsor surrounded by his wife and daughters. He is survived by Dru, his wife of 45 years, his daughters, Linda Milco of Midland, Michigan, Carole Pforsich of Windsor, Diana Dwyer of Santa Rosa and their spouses. Jim is also survived by 7 grandchildren, his brother John Pelmulder of Chatsworth, his Aunt, Sarah Davis of Sebastopol, and his special cousin Dennis Schuermann of Portland, Oregon.

Jim was born in San Francisco and raised in Sebastopol. He attended Sebastopol schools and graduated from Analy High School in 1953. Jim served in the United States Coast Guard as an Electronics Technician. He worked as a manager for twenty-five years for Pacific Bell. He was a member of St. Sebastian's Catholic Church where he served as a lector and was an active member and past president of the Y.M.I.

Throughout his life he has participated in many service organizations. He was active in the Radio Amateur Civil Emergency Services. Jim was very active in the Sonoma County Radio Amateurs club and served as their President in 1991. (continued on page 4)

Jim Pelmulder N6PTM, SK (continued)

He also served as a Volunteer In Prevention in conjunction with the California Department of Forestry and Red Cross. He assisted in the restoration of the radio's of the U.S.S. Pampanito at Fisherman's Wharf. In honor of Jim's many contributions to the amateur radio community, SCRA awarded Jim a Life Membership in 1997.

Jim was a tissue donor and participated in an experimental drug trial to help further A.L.S. research. If desired donations may be made in memory of Jim Pelmulder to the Forbes Norris ALS Research Center, 2324 Sacramento Street, San Francisco, CA 94115 or to the ALS Association, 140 Gerry Street, San Francisco, CA 94108

**ARES Comm Log**

by Rich Freitas KF6SZA
Greater Santa Rosa
Emergency Coordinator

It was a cold and stormy night oops, wrong disaster scenario! Actually, it was a sunny Saturday afternoon when we met for the annual ARRL SET (Simulated Emergency Test). A dozen of us gathered at 9:00 AM on November 11th - first to sample some of McDonald's finest cuisine and then to begin the exercise. The participants were briefed, paired into teams and then sent out to various locations. Upon arriving on location they opened their sealed packages containing the emergency scenario, time-stamped messages and blank message forms. As "the Warm Springs Dam burst and Sonoma county plunged into a complete loss of electrical power" Net Control did a roll call and the ARES teams began to handle traffic for the major hospitals and shelters.

All but one of the locations, including net control, operated from emergency power for the duration of the exercise. As if that wasn't enough, mid-exercise the repeater unexpectedly (yeah, right!) went down. It must've been those darned unpredictable gel cell batteries! Anyway, all stations came back up on the simplex frequency and the drill continued for the balance of the exercise. At the end of the drill we all met at

Sam's For Play Café for a critique and lunch. All-in-all it was a good exercise. A number of new hams got to experience message-handling for the first time, some old-timers got to sharpen their skills and we all had a good time.

Many thanks to Bill (KH6GJV) and Jeff (W2JAB) for their assistance in planning the exercise. Oh in case you missed the fun this time, keep an eye on this column. We've already started thinking about another drill!

The Santa Rosa ARES net meets Monday at 7:30 PM on 147.45 simplex. Everyone is welcome to check-in.

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 707 544-44944 or kh6gjbv@arrl.net

Repeater Class

On Saturday, November 18th at 9:00 AM, Greg Gordon AC6VJ put on the first in a series of classes on building and maintaining repeaters. Held at the SRJC, Greg displayed the primary devices involved in making a repeater and discussed the theory of operation of the components. The class participants will be involved in modifying equipment and assembling the different components to build working repeaters. For more information, contact Greg.

Sonoma County Radio Amateurs, Inc.
Board of Directors Meeting 11-08-2000

MINUTES

Board Members Present: Rick Reiner K6ZWB, Greg Gordon AC6VJ, Bill Hillendahl KH6GJV, Jim Cardillo-Lee KE6VGV and Rich Freitas KF6SZA.

Board Members Absent: Bill McCall W6WDM

Committee Chairmen Present: John Mullan KD2L and Jeff Basham W2JAB.

Guests Present: Sue Mullan K8SUE and Brian Torr N6IUY.

1. Call to Order, Verification of Quorum, Introductions - The meeting was called to order by President Rick Reiner K6ZWB at 6:43 PM. The meeting was held at Furniture Traditions, 3450 Airway Drive. A quorum was present in that five of the six voting board members were present.
2. Approval of Minutes - Greg AC6VJ moved that the minutes of the Board meeting of October 11, 2000, be approved as printed in Shortskip. The motion passed.
3. Officer & Director Reports
 - a. Treasurer
 - i. Current Financial - Jim KE6VGV reported on the financial standing of the club. Bill KH6GJV moved that \$100 be authorized for deposit to the club's bulk mail postage account. The motion passed. Bill KH6GJV moved that a \$20 check be issued payable to the CA Secretary of State for submitting with the annual corporation statement. The motion passed and the Treasurer issued the check.
 - b. Officers
 - i. Secretary
Mail & Communications - Bill KH6GJV distributed the mail to the appropriate officers and presented the newsletters that the club had received. The digitized logo file was received from D&S Awards. Bill distributed an updated roster to the BoD. A card for the Pelmulder family was passed around for signatures.
 - c. Directors
 - i. ARES SET - Rich KF6SZA reported on the planning for the ARES Simulated Emergency Test set for Saturday, November 11th.
4. Committee Reports
 - a. Activities Committee - Jeff Basham W2JAB
 - i. Christmas Dinner (Michele's) - The planning for the party was discussed. A phone tree was established. Jeff W2JAB will follow up with the restaurant.
 - b. Newsletter - Bill KH6GJV and Bill W6WDM are putting together the next newsletter.
 - c. Public Service Committee - John KD2L did not have anything new to report.
 - d. Repeater Committee - Greg Gordon AC6VJ
 - i. Status of Repeaters - Greg advised that everything seemed to be working normally. He reported on the progress at English Hill and Castle Rock. Greg AC6VJ moved that up to \$100 be authorized to establish a phone line at English Hill. The motion passed.
 - ii. Meeting with DES Director Vern Losh - no report.
 - iii. Net Control Operators - 12-5 VJ, 12-12 L, 12-19 RMW, 12-26 ZWB
5. Unfinished Business
 - a. Meeting Programs - Dec- Christmas Party
Future program ideas - Cell Phone Technology, Surface Mount Devices, CATV Systems, Force 12, Heathkit History, CQWriter
 - b. Club Calendar - No changes
 - c. Member of the Year - The BoD felt that there were no appropriate candidates for the award this year.
 - d. Santa Rosa Cycling Club - Rick will invite the president of the SR Cycling club to the Christmas dinner as the club's guest where he will be thanked on behalf of the club.
 - e. Life Membership - Bill KH6GJV moved that ----- be approved

for life membership for many years of outstanding service to the club and the community. The motion passed.

6. New Business

- a. Donated Computers - Rick received several donated computers from his employer for the club. Rick will be going through them to see what is good and pass it them on.

7. Announcements - The next meeting will be on December 13, 2000, at 6:30 PM at Furniture Traditions, 3450 Airway Drive, Santa Rosa.

8. Adjournment - The meeting was adjourned at 8:39 PM

Sonoma County Radio Amateurs, Inc.
Membership Meeting 11-1-2000

MINUTES

1. Call to Order, Verification of Quorum - The meeting was called to order by President Rick Reiner K6ZWB at 7:36 PM at the Santa Rosa Agilent Technologies facility. There were 30 people present.
 - a. Introductions
 - i. Officers & Directors - The club officers and directors introduced themselves.
 - ii. Guest Speakers/Program - Elections & Video on Heard Island DXpedition
 - iii. Visitors - Tim Harrington KD5FWR
 - iv. New Calls & Upgrades - Steve Decker KG6DLJ has joined the club. He passed the Technician exam at the SCRA swap meet.
2. Approval of Minutes - Cortland Richmond KA5S moved that the minutes of the October 4, 2000, be approved as printed in Shortskip. The motion passed.
3. Officer & Director Reports
 - a. Treasurer - Jim Cardillo-Lee KE6VGV reviewed the account balances.
 - b. Officers - Secretary Bill Hillendahl KH6GJV invited the members to review the binder of newsletters received from other clubs. Bill pointed out the member badges that need to be picked up.
 - c. Directors - Santa Rosa ARES Emergency Coordinator Rich Freitas KF6SZA advised the membership of the coming Simulated Emergency Test promoted by the ARRL on Saturday, November 11th at 9:00 AM. Rich invited members to participate in the planning of the event and on the day the SET occurs.
 - d. John Mullan KD2L reported that the VE sessions the club puts on in 2001 will be January 20th, April 21st and July 21st.
4. Committee Reports
 - a. Activities Committee - Jeff Basham W2JAB - The Christmas party will be held at Michele's restaurant again. The night is December 6th. The cost is \$22 per person if paid before November 15th. The cost is \$25 per person if paid after.
 - b. Newsletter Editor - Bill Hillendahl KH6GJV and Bill McCall W6WDM will be taking over the newsletter duties. Thanks were expressed to out-going Editor Henry Tate KE6ORF for getting the newsletter and advertising revenue back on track.
 - c. Public Service - John Mullan KD2L had nothing new to report for this year.
 - d. Repeater Committee - Greg Gordon AC6VJ reported that all systems are up and running properly. He reported on the NARCC meeting that he and many of the BoD attended. NARCC did not have a quorum in attendance so were not able to conduct any business. They did have a presentation on the conversion to 20 KHz channel spacing that southern California UHF repeaters are making. Greg also announced a repeater class starting on Saturday, November 18th. The class will be held at the SRJC and will start at 9:00 AM. A sign up sheet was passed. Others interested should contact Greg.
5. Unfinished Business - None
6. New Business

12 Store Buying Power!



HAM RADIO OUTLET
WORLDWIDE DISTRIBUTION

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

BURBANK, CA
2492 W. Victory Bl., 91506
(818) 842-1786
(800) 854-6046
Eric, KAGIHT, Mgr.
Victory Blvd. at Buena Vista
1 mi. west I-5

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

SAN DIEGO, CA
5375 Kearny Villa Rd., 92123
(858) 560-4900
(800) 854-6046
Tom, KM6K, Mgr.
Hwy. 163 & Claremont Mesa

SUNNYVALE, CA
510 Lawrence Exp. #102
94086
(408) 736-9496
(800) 854-6046
Ken, K1ZKM, Mgr.
So. from Hwy. 101

NEW CASTLE, DE
(Near Philadelphia)
1509 N. Dupont Hwy., 19720
(302) 322-7092
(800) 844-4476
Rick, K3TL, Mgr.
RT.13 1/4 mi., So. I-295

PORTLAND, OR
11705 S.W. Pacific Hwy.
97223
(503) 598-0555
(800) 854-6046
Rich, KK7PL, Mgr.
Tigard-99W exit
from Hwy. 5 & 217

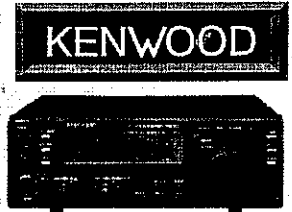
DENVER, CO
8400 E. Iliff Ave. #9, 80231
(303) 745-7373
(800) 444-9476
Joe, KD0GA, Mgr.

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

ATLANTA, GA
6071 Buford Hwy., 30340
(770) 263-0700
(800) 444-7927
Phil, N4DRO, Mgr.
Doraville, 1 mi. no. of I-285

WOODBRIIDGE, VA
(Near Washington D.C.)
14803 Build America Dr.
22191
(703) 643-1063
(800) 444-4709
Mike, N4MDK, Mgr.
Exit 161, I-95, So. to US 1

SALEM, NH
(Near Boston)
224 N. Broadway, 03079
(603) 898-3750
(800) 444-0047
Chuck, KM4NZ, Mgr.
sales@hamradio.com
Exit 1, I-93;
28 mi. No. of Boston



KENWOOD
TS-50S/TS-60S HF Transceiver/6M
• TS-50S - World's smallest HF Transceiver
• 100W out. (90W TS-60S, 50mHz only)
• SSB, CW, AM, FM
• 12V Gen. Cov. RX, 6.4 lbs., 7.16 x 2.4 x 9.32"
• 105db dynamic range, 100 Mem.
• Opt. ext. ant. tuners available (TS-50S only)
Call Now For Our Low Pricing!



TH-G71A 2m/440
• 2m/440 Dual Band HT
• 200 Mem. • PC Programmable
• 6w 2m, 5.5w UHF @13.8 VDC
• Alpha Numeric Display
• CTCSS Built In • Backlit Keypad
Call For Low Intro. Price!



TM-V7A 2M/440MHz
• 50W/35W • 280 Mem. • Visual Scan
• Alpha Numeric • Enc/Dec & Duplexer Built-in
• Computer Programmable • 9600 Baud Ready
• Cool-blue Reversible LCD • Backlit Mic
Call Now For Low Price!

COAST TO COAST
FREE SHIPPING
UPS - Most Items Over \$100

Rapid Deliveries From
The Store Nearest To You!

SUNNYVALE, CA 94086
510 Lawrence Expwy. #102
(408) 736-9496
(800) 854-6046

OAKLAND, CA 94606
2210 Livingston St.
(510) 534-5757
(800) 854-6046



IC-706Mk II HF/VHF Transceiver
• 100W HF
• 100W 6 Meters
• 20W 2 Meters
• Slots for two optional filters
Call For Low Pricing!



IC-775/DSP HF Transceiver
• 200W HF Transceiver • 101 memories
• DSP built-in • Digital noise reduction
• Digital automatic notch • Digital LPF and HPF
• QSK, Digital CW filter • Built-in AC supply
• Twin PBT • Dual watch
Call Now For The Ultimate Radio!



DJ-S41T/DJ-S11T
440 Tiny HT 2Mtr Tiny HT
• 340 mw
• 21 memories
• Uses 3 "AA" Batteries
• Encode built-in
• Pivot antenna
• Less than 5" high
and 2 1/4" wide (DJ-S41T)
Call For Low Pricing!



DX-70T HF Transceiver
• 100W 160-10 Mtrs • 10W 6M, Gencov. Rx
• Full QSK, 100 Mem. • Compact, Remotable
• Dual VFO, 12VDC • 6.2 lbs.
100W/6M DX-70TH Now Available!



VX-1R
2M/440 Sub-Mini HT
• 290 Memory Channels
• 5W output
• Receives 76-999MHz plus AM BCB (Cell Band Blocked)
• Lithium Ion Battery
Call Now For Your Low Price!



FT-50RD
2M/440MHz Compact HT
• DVR, Decode, Paging Built-in
• Alpha numeric display
• Wide Band receive
• Battery Saver
• 112 Memories
• Mil-Spec
• HiSpeed scanning
Call For Your Low Pricing!



FT-100MP HF Transceiver
• Enhanced Digital Signal Processing
• Dual RX
• Collins SSB filter built-in
• 100W, Power supply built-in
Call Now For Low Pricing!

HSC Electronic Supply

Serving Silicon Valley since 1964!

...brings you a potpourri of high-tech goodies for the techno-tinkerer!
For thirty years we have been your source for Silicon Valley exotica!

License-Free Two-Way Radio!

- Fanon "Courier KF-310, factory-new in box!
- Stay in touch at the park, in the mall or on the road!
- Transmits up to two-mile range without a license!
- Full-power (5W) with extras not found on others!
- LCD backlit display for use day or night!
- Uses new "Family Radio Service band" - all 14 channels, plus 36-channel CTCSS encode-decode
- VOX or Push-to-talk, w/3-type call tone
- Auto "power save" mode, auto-squelch
- Monitor button, speaker/mic jack, wrist strap
- Uses four "AAA" batteries (not included)
- Perfect for camping, sports, road trips, work...more!

Now...Special Bulk Purchases allow us to offer a reduced price!

Extra Special! Pack of 16 AAA Heavy Duty batteries only \$2.95!

HSC#18198 **\$39.95/ea**
...or Get TWO for **\$74.95**

CD-R Media Bargain!

- "Armedia" 8X speed premium CD's...
- 650 MB / 74 minute capacity
- 2x, 4x, 6x or 8x speed recording
- Compatible with all leading CD writers/readers
- Fully compliant with the "Orange Book Standard"
- Brand new, sealed, includes jewel case!
- Box contains ten disks - Best deal!

HSC# 18363 **\$4.99 ea. or \$3.95/Box 10**

SCSI Drive Cases

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 off/on switch, SCSI ID switch, fan-cooled switching power supply. Attractive beige color, curved front panels. Rear panel is punched for SCSI-1 (CN-50) daisy-chain connectors, internal 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"
- 60-watt power supply

HSC# 18267 **\$39.95**

- 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

HSC#18268 **\$49.95**

...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
- Can handle 7 5/25" SCSI-III CD-ROM drives
- Includes 200W power supply, slides for drives
- Removable front and side panels
- Solid, heavy gauge construction
- Seven-position daisy-chain ribbon cable included.
- New, 90-day warranty

HSC# 80544 **\$89.00**

Multimeter Specials!

- Model #AEEC-1890 3 1/2 Digit LCD DMM
- Adjustable large flip-up display for the easy viewing
- 0.5% basic accuracy, dual-slope integration A/D
- Measures AC/DC volts, ohms, current, capacitance, hFE & temperature (temp. probe included)
- Ranges: 1000VDC, 700VrmsAC, 200 ohm - 200 Megohm, 20 mA - 20A, 2nF - 20 uF, NPN/PNP hFE
- Separate jacks for capacitors and resistors
- "HOLD" function to capture measured peaks
- Soft rubber cradle protects meter, prevents skids
- 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 HM1023 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 parallel-connected 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, 8.4 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

HSC# 80542 **\$32.50**

Useful Utilities!

- Supercharge Windows with PowerDesk!
- Drag, drop files with multiple views, built-in ZIP utility
- View over 80 types of files - Super search engine!
- Powerful email attachment decoder
- Instant graphic view of hard drive space
- Many more features...too much to list here!
- Windows 3.1, 95, 98 & NT compatible

HSC#18360 **\$9.95**

Conquer Zip files with "ZipMaster"

- Use ZIP files without unzipping
- Saves tons of disk space!
- Makes regular ZIP files look like folders
- Integrated viewing previews over 50 file formats
- Handles ZIP, Z, RAR, ZOO, ARJ, GZ, TAR...MORE!
- Windows 3.1, 95, 98 & NT compatible

HSC#18361 **\$9.95**

Keep after the glitches with "Fix-It Utilities 99"

- Powerful diagnostic and repair package
- View, open/convert 12 file types, 4 email formats
- Over a dozen hardware diagnostics
- NTFS, FAT, and FAT32 disk repair
- Integrated views for Word, Excel, PowerPoint, AVI files...MORE!
- For Windows 95, 98 & NT

HSC#18362 **\$9.95**

Rack-mount Chassis!

- Rugged construction for heavy duty server use
- Supports all standard ATX motherboards
- Industry standard 4U height
- 250W standard/350W surge high output supply
- Filtered cooling system, locking front panel
- Can mount up to ten drives
- Folding front handles, mounting ears & accessories
- Brand new, boxed with 90-day warranty
- Available in black or cream textured finish

HSC# 80540 **Black \$195.00**
HSC# 80541 **Cream \$195.00**

Keypad Mouse!

- "Unita" mouse with multi-function keypad!
- Numeric & special function keys, including SHIFT, ALT, RETURN
- Unique all-in-one ergo design for easy data entries
- Ideal for CAD, spreadsheet, games...etc
- LED indicators, 400/1200dpi switchable
- PC/AT compatible, w/8-pin D conn.
- New, 90-day warranty

HSC# 80539 **\$9.95**

Talk to your Computer!

- "Voice Express - Standard" software by L & H
- Talk...and your computer does the rest!
- Learns your voice in about 5 minutes!
- 300,000+ vocabulary, with plug-in support
- "Say It Your Way" commands!
- Boost productivity + voice-enable applications!
- Works with Win 95/98/NT, Lotus, Corel, AOL...MORE!

HSC#18365 **\$14.95**

"Voice Express - Advanced" software by L & H

- Learns your voice in about 5 minutes
- Accurately turns your voice to text
- "Say It Your Way" commands!
- Boost productivity + voice-enable applications!
- Works with Win 95/98/NT, Lotus, Corel, AOL...MORE!

HSC#18364 **\$19.95**

"Voice Express - Mobile Pro" software by L & H

- Includes pocket-sized digital voice recorder!
- Speech recognition learns your voice in under 10 minutes! Works with favorite Window apps!
- "Say It Your Way" commands! 230,000+ words
- Dictate on the run or in the office
- Voice-enable 100's of applications!
- For Win95, 98 & NT

HSC#18366 **\$69.95**

Comfort Keyboard!

- Dell Internet Keyboard, made by "Microsoft"
- Special Internet "hot" keys for quick, mouse-less commands -- Ergo shape for comfort!
- Brand New...boxed, with PS/2-style connector
- HSC 90-day warranty

HSC#18367 **\$14.95**

Power Supply Specials!

- Lite-ON model no. PS-5151, 145 watts
- 5V @ 18A, 12V @ 5A, -12V @ 0.8A
- 3.3V @ 7A, +5Vsb @ 0.15A
- Hi-Pot tested w/large cooling fan
- Standard ATX Form-factor
- Brand-new, 90-day warranty

HSC# 18350 **\$12.95**

Lite-ON model no. PS-4151-98, 150 watts

- 5V @ 18A, -5V @ .3A, 12V @ 4.6A, -12V @ 0.3A
- Hi-Pot tested w/large cooling fan
- Standard AT "Mini Tower" Form-factor
- Brand-new, 90-day warranty

HSC# 18351 **\$14.95**

Power Computing TCX-20D

- Perfect for upgrading! Put modern motherboards into older cases
- 200W fan-cooled power supply
- Standard Mini-tower form-factor, ATX connector
- Units are brand new w/90-day warranty

HSC#18304 **\$17.50**

HALTED specialties ca. HSC Electronic Supply

Toll Free (Orders Only) 1-800-4 HALTED (1-800-442-5833)
Internet World Wide Web: <http://www.halted.com>
3500 Ryder St., Santa Clara, CA 95051 (408) 732-1573
4837 Amber Ln., Sacramento, CA 95841 (916) 338-2545
5681 Redwood Dr., Rohnert Park, CA 94928 (707) 585-7344 (408) 732-6428

Watch HSC's Website! Weekly Web Specials!

- Changes are coming to our website...stay tuned!
- Simply point your browser to <http://www.halted.com>
- We plan secure shopping, with shopping basket!
- Or, you can email your orders to hscmail@halted.com
- A new section has been added to our web page!
- Simply go to www.halted.com and click the top button!
- Items from our ads, as well as non-advertised items
- Also, you can download our catalog as Adobe PDF files

Terms: Some quantities limited; all items 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 applies. Prepaid orders that don't include shipping charges will be shipped freight COD. There is a \$5.00 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.