

Calendar of Events

Jan 4	Fri	7:30 PM	Marin ARC Meeting, Alto Clubhouse, 27 Shell Road, Mill Valley
Jan 5	Sat	10:00 AM	Red Oak Victory ARC Meeting, Point Richmond
Jan 9	Wed	SPECIAL NIGHT	
		5:30 PM	Dinner at Marie Callenders, 2460 Mendocino Ave, Santa Rosa
		7:30 PM	SCRA Meeting, Agilent Technologies, 1400 Fountain Grove Prkwy, Santa Rosa
Jan 16	Wed	6:30 PM	SCRA Board of Directors Meeting, 3450 Airway Dr., Santa Rosa
Jan 16	Wed	7:00 PM	REDXA Meeting, Carrow's, Petaluma
	Wed	7:30 PM	Valley of the Moon ARC Meeting, McDougall Hall, Sonoma Developmental Center, Glen Ellen.
Jan 18	Fri	8:00 PM	San Francisco ARC; VA Medical Center, 42 nd Ave & Clement, San Francisco
Jan 28	Mon	7:00 PM	Willits ARS Meeting, Brooktrails Firehouse, Willits

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

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SPECIAL MEETING NIGHT
Wednesday, January 9th

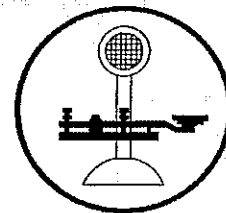
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Club Station
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Short Skip

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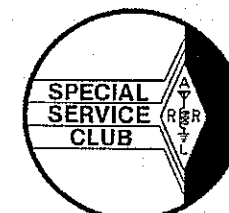
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Repeaters

146.73- • 224.48- • 441.375+



Repeater Station
W6SON

Volume 27 Number 1

January 2002

Happy New Year

QTC

by
Bill Hillendahl KH6GJV
SCRA President



SPECIAL MEETING NIGHT
Wednesday, January 9th

Due to our meeting location host, Agilent, being closed during the first week of January, SCRA's January meeting will be held on January 9th at the usual place and time. See you at the meeting!

Wow! Has 2001 gone by fast. In fact, the last couple of years have just flown by. SCRA has undergone a number of changes in that time. A few of the changes should be mentioned.

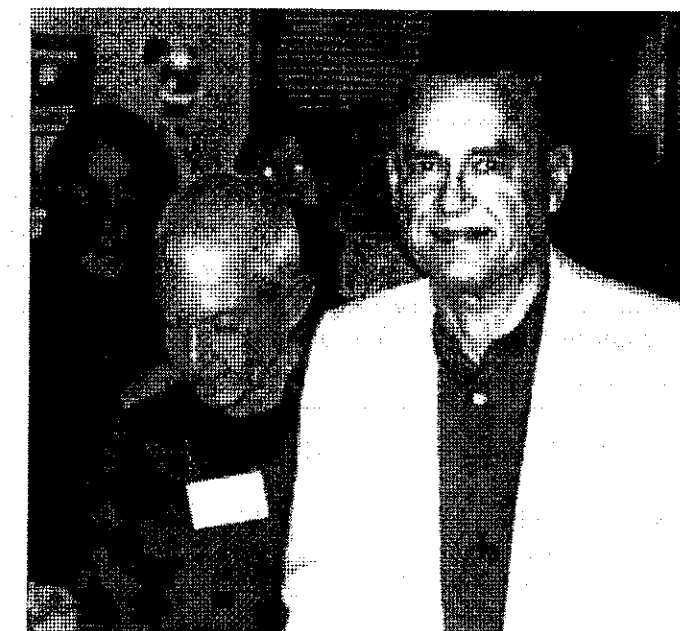
The return of fiscal responsibility to the treasury was high on the list because for several years, the club was outspending its income by quite a margin draining the club's savings account. Without cutting services to members and without considering the sizable donation by the Santa Rosa Cycling Club, the club has operated better than break even for the last two years.

Repeater Chairman Gregory Gordon AC6VJ instituted classes on repeater building and maintenance that for the first time in many years were open to all members who wanted to attend. The Repeater Committee is no longer a "closed club." Want to learn and help? Give Greg a call.

The club's main communication "channel," *Shortskip*, has been revamped and additional advertising obtained. The advertising is very important as it offsets the significant cost of publishing the newsletter. In past years, the advertisers were not billed for reasons unknown. This has been corrected.

Club meetings have all had a main program as
(continued on page 6)

2001 Members of the Year



Bob Magnani K6QXY & Al Ferrera WA6MXI

(See article on page 3)

2002 Club Officials

President	Bill Hillendahl	KH6GJV	707 544-4944
Vice President	Brian Torr	N6IY	707 575-5871
Secretary	Jeff Basham	W2JAB	707 542-3860
Treasurer	Vicki Cero	KF6ZCT	415 673-3859
Director	John Breckenridge	WB6FRZ	707 838-6398
Director	Jim Lee	KE6VGV	415 892-0317
Past President	Greg Gordon	AC6VJ	707 523-7077
Activities Chairman	Bill McCall	W6WDM	707 538-2844
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
Hank's Swap Shop	Jeff Basham	W2JAB	707 542-3860
Web Master	Jeff Basham	W2JAB	707 542-3860

Contacts

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

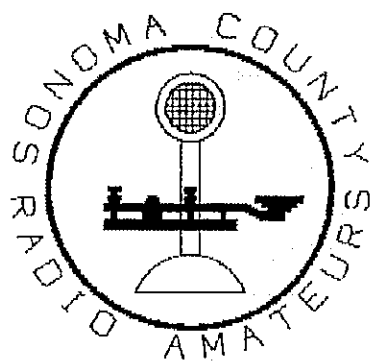
SCRA Hotline 707 579-9608
SCRA E-Mail scra@sonomacountyradioamateurs.com
SCRA Web Site <http://www.sonomacountyradioamateurs.com>

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	\$ 12
1 st Quarter Column	\$ 13
Each Addn'l Quarter Column	\$ 4
Full page (one side)	\$ 35
Pre-printed inserts (each)	\$ 35
Guaranteed circulation of 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

January 9th
7:30 PM

Program:
 Art Lebermann W6REQ
 KGO Radio Engineer
 (See article)

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!

**WANTED:
 Program Ideas**

by
 Brian Torr N6IY
 SCRA Vice President



As we start the new year, one of the first questions the SCRA board asks itself is, what programs will we offer for our monthly meetings? Usually, there are a few ideas left over from the previous year that can be used to get the ball rolling. This year, however, the well is almost dry. It is now time to spread out the dragnet and gather as many ideas from you, the membership. These programs are for the benefit of the membership, so it is vital that we know what you want to see.

Take a few minutes to think about what you would like to see for a program at one of our monthly meetings.

Even if you do not normally attend the monthly meetings, a program based upon your ideas may be just the impetus for yourself and others to come to a meeting. And the more the merrier. Given the diversity of the ham radio interests of our members, there should be no shortage of ideas. Let's hear them!

I will compile the list of ideas and be on the lookout for others who may be able to assist putting together programs to match those ideas. If you know of any available programs or presentations you have seen that might be of interest to the membership, please let us know.

If you have an idea, phone the SCRA hotline, mail, or e-mail your idea to us via the contact information on page 2 of Shortskip.

Putting together a schedule of programs that appeals to as many members as possible for 2002 is one of my top priorities. But I cannot do it alone. I need your ideas! Let's hear them!

73,
 Brian Torr, N6IY

Sonoma County Radio Amateurs, Inc.

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City/State _____ Zip _____ E-Mail _____

ARRL Member? [] Yes [] No

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Individual/Associate Member	\$ 20 (\$5.00/qtr)
Family Membership	\$ 30 (\$7.50/qtr)
Under 18 Membership	\$ 10 (\$2.50/qtr)
Badge	\$ 7

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Dues - Full Year (3/1 to 2/28)	\$ _____
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Other - _____	\$ _____
Donation	\$ _____
Total	\$ _____

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

Badge Information

Call Sign _____

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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 _____



ARES Comm Log

by Rich Freitas KF6SZA
Greater Santa Rosa
Emergency Coordinator

Becoming Prepared

Preparedness is one of those things that we know we ought to do; we all want to do it, most of us never do it, and only a very few of us make an attempt to do it. I guess the first question to ask is "For exactly what situation am I becoming prepared"? Since it's impossible to prepare for every event, the most prudent approach is to begin small and expand your preparedness over time; that goes for both the physical items you assemble and your knowledge base.

First of all let's tackle the physical items - otherwise known as "the kit". Ready kits, go-kits, or whatever you call them, are simply a collection of items that may come in handy in an emergency. The other attribute of the kit is that it should be easily portable. Don't try to collect everything in one day. My personal kit started on a visit to K-Mart when I spotted a plastic tool box on sale. It's about 8" x 8" x 15" long and I liked it for two reasons: it has a bright yellow lid that's easy to see and it came with a flashlight that snaps to the lid top so it's always handy. Over the past year I've collected an assortment of items inside that I believe I'll find useful in time of need. Nearly every emergency manual has a list of items that the author suggests you put in your kit... and nearly every list is different. If you attended the last ARES face-to-face you know that the list of items can seem endless. Every time we discuss this topic I hear a few new ideas to incorporate in my kit (and I hope I've given someone a new idea, too). This column is too short to include a comprehensive list of items but let me know if you're interested and I'll be happy to give you a listing from which you can pick-and-choose.

Having a kit does not, however, mean that you're "prepared". The second part of preparedness requires some learning on your part to know what to do with the items you've assembled. It means gaining the knowledge necessary to protect yourself and your loved ones when a disaster strikes. Just as having a drawer full of paints and brushes does not mean you're an artist, having a box full of equipment does not mean you're prepared for an emergency. A major advantage of ARES is that service to our served agencies is reciprocal. While it's not a condition of service, most of our served agencies are happy to provide us with free training because it makes us more valuable volunteers; it also increases our level of preparedness. Courses in CPR, first aid, damage assessment, driver safety, HAZMAT, and GPS are just a few of the training sessions available to us. An excellent place to start is with the ARRL emergency

communications courses currently being offered online. Many of you have stated that the classes are always full when you try to register. Keep trying... you'll eventually get in and it's definitely worth the effort.

Preparing for emergencies is akin to preparing for retirement; you'll never get ready unless you start and most of us think we have more time than we really do! The ARES net meets on Mondays at 7:30 PM on the SCRA repeater 146.73 MHz (- offset, 88.5 PL) with face-to-face meetings every 1-2 months. You are welcome to join us.

QTC (continued)

well as mini-programs such as the show & tell section and a periodic electronics lesson. Is there a subject that you want to know more about that you think would be of interest to other members? Let us know; we'll see if we can put together a program.

Informal pre-meeting dinners were added to the activities. There are now many "regulars" and everyone is welcome to join us as your time permits.

So much for looking back. What is in store for 2002? By the time you read this, your 2001 and 2002 Board members will have had a brainstorming session. High on the agenda is how to make SCRA even better and more interesting to YOU! It's YOUR club. I learned during my years in service clubs and community organizations that you truly get out of an organization what you put into it. So, if you want more from SCRA, dig in and help out. Volunteer for a position or help with an event. You won't be left on your own; there are plenty of members to help with a task and it won't really take that much of your time.

Finally, be sure to join us at the January meeting. There will be a large surprise brought to the club. See you there!

73,

Bill ..

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January Program

Join us on **Wednesday, January 9th**, to hear **Art Levermann W6REQ** speak on his thirty-plus years in the commercial broadcast industry. Art is currently an Engineer for KGO radio in San Francisco. Most of us do not get to have an "inside peek" at what goes on in the commercial broadcast world. Art will give us that view from the inside.

Al Ferrera WA6MXI Bob Magnani K6QXY SCRA 2001 Members of the Year

At the well attended annual holiday party, **SCRA President Gregory Gordon AC6VJ** presented Al and Bob with the club's Member of the Year award. Greg commented on the technical and physical assistance that Al and Bob have provided over the last year to the club in relation to the club's repeater systems. Also, Al and Bob took on the task of disassembling the club's WWII generator and giving it a new paint job. They have even replaced the tow hitch making it easier to tow. It is nearly finished. Al and Bob's efforts have truly assisted in making SCRA an even better club. Al and Bob, thank you and our best 73!

Speaking of the Holiday Party, the event was again the perfect finish to a great year for the club. An additional table had to be brought in and set up for the overflow of guests. As in the past, Michele's served up a magnificent meal with many present commenting on the fabulous steak dinner. The raffle table had some great prizes donated by **Art** at the **Montgomery Village Radio Shack**, **Phil Humes KF6GNH** at the **Marketplace Radio Shack**, **Ed Jacobsen W1EJ** at **HSC Electronics**, **Lois and Steve Basham of Basham's Electronics**, and **World Radio**. A great time was had by all!

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 kh6gjbv@arrl.net. We'd love to see YOU in print!

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FCC's Hollingsworth Sends Letter to County's Rosevear KD6LSO

Riley Hollingsworth, the FCC's Special Counsel for Amateur Radio Enforcement sent a letter dated November 26, 2001, to **Jack Rosevear KD6LSO**, the County of Sonoma's Deputy Chief of the Department of Emergency Services regarding SCRA's complaint. Among the concerns in Mr. Hollingsworth's letter was the issue of the county government operating an amateur radio system. In addition to the formal complaint, Rosevear was instructed to respond to seven specific questions. A deadline of twenty days was given for a response. The text of the letter can be viewed at the ARRL website under enforcement letters.



Bill KH6GJV presents outgoing President Gregory Gordon AC6VJ with the President's Plaque and thanks from the club

J. Mullan, Photographer

330 Manka Circle
Santa Rosa, CA 95403
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jmullan@pacbell.net

John C. Mullan
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HSC Web Specials!

The items below can be found in the "Specials" area of our on-line shopping pages at www.halted.com...check them out and use our secure site to place your order for the holidays!

Fujitsu FPG-310 Color Pen Plotter GPIO (IEEE-488) interface Boxed, w/ manual, cord, 90-day warranty HSC# 19131	Computer Power Supply, ATX, 145W HSC# 18350	\$47.50	\$9.85
Rechargeable 12VDC Battery 40 AH, lead/acid, Yuasa NPX-150R HSC# 18917	Network card, ISA bus, 10-Base T HSC#18943	\$29.50	\$4.95
Server Cabinet, ATX rack mount, with Power Supply, White color HSC# 80541 New Price!	Computer Speakers, powered HSC# 18662	\$179.95	\$9.95
Battery charger, NiMH HSC# 10151	Game-pad, Microsoft "Sidewinder" HSC# 80486	\$17.50	\$12.50
SCSI Controller, Initio, PCI Bus HSC# 18218 New Price!	Compact AC Inverter for the car, 100W HSC# 18021 New Price!	\$9.95	\$14.95
SCSI Controller, Adaptec 1505, ISA Bus HSC# 17995 New Price!	Motherboard, 486DX4 AT HSC# 18529 New Price!	\$7.50	\$9.95
Mouse, 2-button HSC# 18731	Motherboard, Baby AT, 486VLB HSC# 18003	\$3.95	\$9.95
Mouse, w/ numeric keypad HSC# 80539	Multimeter, analog, VOM HSC# 18250	\$4.95	\$9.95
Scrolling mouse, translucent body HSC# 18829	Multimeter, DMM, with transistor check HSC# 80370	\$9.50	\$14.95
Computer Power Supply, ATX, 200W "Mini-Tower"-style HSC# 18665 New Price!	Multimeter, DMM, tilt-up display, nice! HSC# 80604	\$14.95	\$39.95
	Computer Joystick, "FX2000" HSC# 18772 New Price!		\$3.00
	Tower Chassis, 7-Bay "RAID" HSC# 80544		\$42.50

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- Seagate ST15150N 4.3 GB "Barracuda" SCSI
- 7,200 RPM, 8.09.0 ms avg. seek time
- 21 Hds, 11 Data, 3,711 Cyl
- Standard 50-pin SCSI
- 3.5" size, half-height (1.5" tall)
- Health: 90-day warranty
- HSC# 18412
- \$32.50

- Seagate ST1917WC, Ultra-SCSI Wide Area 2
- Formatted capacity: 0.1GB
- Spindle speed: 7200 RPM
- 3.5" size, half-height (1.5" tall)
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- Average Access (read/write): 9.7-10.7 ms
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- \$39.95

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- Compatible with notebooks/PCs with Type II slots
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- No jumpers or switches - Two LED status lights
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- \$9.95

- Intel "PRO100" PCMCIA Network Adapter Card
- MBLA100 LAN card supports 10BaseT/100BaseTX
- For PC Card Type II sockets, 32KB packet buffer
- Full duplex support (10Mbps networks only)
- Ethernet Specs: IEEE 802.3 & 802.3u spec
- With RJ45 cable, OEM packaged, 90-day warranty
- HSC# 19190
- \$39.50

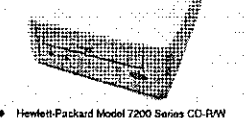
- Epson/Adapted APM4606 PCMCIA SCSI Card
- Up to 2 MByte/sec PC Card bus rate
- New, OEM pack with D925 cable, 90-day warranty
- HSC# 19160
- \$49.50

VHS Video To Go!



- Videotronics Model No VHS-105 player deck
- Dual power option! - 110VAC or 12VDC!
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- Remote control sensor on front panel - remote NOT included... may work with generic remotes!
- Removed from working service, 90-day HSC warranty
- HSC# 19048
- \$19.95!

External CD-R/W!



- Hewlett-Packard Model 7200 Series CD-RW
- Use just like a floppy! Shares printer port
- Drag & drop up to 650MB on a single CD-R!
- 2X write on CD-RW, up to 6X read on CD-R!
- 1X 12W, 150KB/sec, 2X RAW 300KB/sec
- 6X Read 900KB/sec - direct avail. at HP website!
- IDE-(ATAPI) interface w/RAIC, front tray load
- 74 min. on 120mm disk, 21 min. with 80mm disk
- Power supply not included (pinout provided)
- Rebuilt/used, 90-day HSC warranty
- HSC# 19036
- \$49.50

VHS for even less!



- Magnavox Model No VR9100ATG1 video player
- Standard "F" type connectors for inline connection
- Rear panel switch selects Ch. 3 or Ch. 4 output
- PCA packs for line level, video/audio connect
- Pulled from working service. Units have slight markings from removed infrared element covering front panel infrared detector. Remote NOT included.
- For 110VAC, 60Hz operation
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- 110VAC, 60Hz - 150VA - small footprint
- Dual digital meters for voltage and current
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- HSC# 80606
- \$139.00

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- Both new in box, made in China
- Model AECC-500VR
- 0 - 120 VAC output, 500 VA
- Measures 6" x 8" x 7" tall
- Features meter, illuminated switch, line cord, fuse
- HSC# 80474
- \$45.00

- Our most popular model!
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- Measures 8" x 10" x 9.5"
- Features meter, illuminated switch, line cord, fuse
- HSC# 80461
- \$95.00

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

- AECC-10P - handy compact desktop unit
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- If you want more than two PC's networked, you will need more network cards (HSC# 18493 \$4.95)
- 50 ft network cable, driver/installation manual CD
- OEM package, new, 90-day warranty
- HSC# 80599
- \$29.95

- ...or, you can just buy the modern/hot-hub card!
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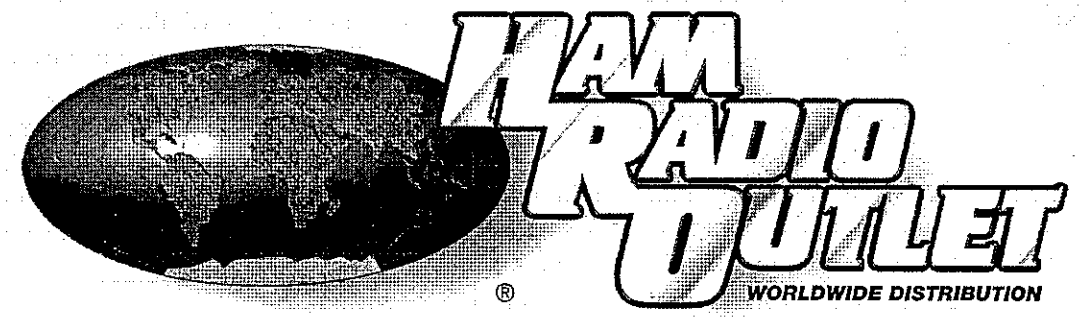
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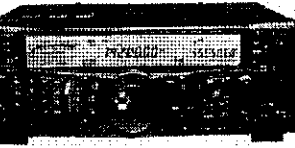
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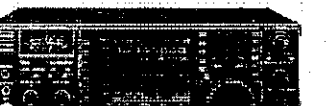
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Ken, K1ZKM, Mgr.
So. from Hwy. 101
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ICOM



IC-706MkIIG HF/VHF Transceiver

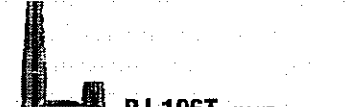
- All mode HF/6M/2M/70CM
 - 100W HF/6M, 50W/2M, 20W/440 MHz
 - AF-DSP • Plug and Play Filters - No Soldering
 - Easy-to-Navigate Menus
- Call For Low Pricing!



IC-756 PRO All Mode Transceiver

- 100W HF/6M • Newly designed 32 bit DSP
 - 5 inch TFT color LCD • Digital IF filter with 41 passband widths
 - 121 microphone equalized audio settings
 - Multiple DSP controlled AGC loops
 - Advanced CW functions
 - Real time spectrum scope
- Call Now For The Ultimate Radio!

ALINCO



DJ-196T 2M HT

- 5 Watt out
 - 40 memories
 - Alphanumeric Display
 - CTCSS + DCS Built-in
 - "S" Meter
 - Auto Dialer
- CALL NOW FOR LOW PRICE!



DR-135TP 2M Mobile

- 50 Watt out
- Alpha Numeric Display
- 100 mems
- Built-in TNC 1200 & 9600 Baud
- Front Panel GPS in
- Rear DB-9 Port
- CTCSS/DCS Encode/Decode built in

YAESU

VX-5R 50/2M/440HT

- Wideband RX, 6M-2M-440TX
 - 5W output
 - 220 mems, opt. barometer unit
 - Alpha Numeric Display
 - CTCSS/DCS built-in
 - Li-Ion Battery
- Call For Low Price!

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

- Compact Transceiver w/detachable front panel
 - Rx 100kHz to 970mHz (cell blocked)
 - Tx 100W 160-6M, 50w 2M, 20W 70CM
 - Built-in DSP, Vox, CW keyer
 - 300 Memories
- Call Now For Low Pricing!

FT-1000MP HF Transceiver

FT-1000MP HF Transceiver

- Enhanced Digital Signal Processing
 - Dual RX
 - Cotins SSB filter built-in
 - 100W, Power supply built-in
- Call Now For Low Pricing!

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