



HAMLETTER



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Wheaton Community Radio Amateurs

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WCRA WOULD LIKE TO WISH EVERYONE A VERY MERRY CHRISTMAS AND A HAPPY NEW YEAR

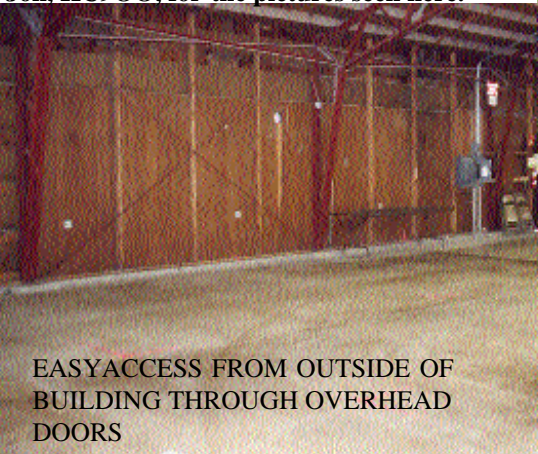


THE NEW HAMFEST VENUE AT THE KANE COUNTY FAIR GROUNDS



ONE OF TWO HALLS WE WILL USE

This year's Hamfest committee met recently at the new location - The Kane County Fairgrounds. Two pictures at right show a group shot outside and the committee meeting inside one of the two large exhibition halls. Thanks to Bruce, K9OZ, this year's Hamfest chairman for his work with committee and Jon, KC9OO, for the pictures seen here.



EASY ACCESS FROM OUTSIDE OF BUILDING THROUGH OVERHEAD DOORS



From the President's Gavel

by Bob Fairbairn, KE9AWCRA President



President's Message December 2002

I am sitting here thinking how fast this year has gone by. I started two new jobs this year, one at work for Motorola and WCRA president. Both have been challenging and rewarding. As we wind down towards the Christmas holidays, I look forward to spending time relaxing with my family. I hope that most of you have the time to enjoy the others in your lives during the holidays.

I have not been able to do much for the club or to have much time over the last couple of months due to some family issues and travel for work. I would like to thank Steve N9OA for running the last meeting and I hope that you all had a great time at the auction. Please accept my apologies for not being there.

I did get a chance the other evening to read the November and December issues of QST. There are a couple of nice winter projects in there. Check them out and heat up that soldering iron. Or look at the events calendars there are a lot of operating activities over the winter.

Again please enjoy your holidays and get ready for the January meeting and our hamfest

73, KE9A

WCRA Staff

Elected Officers

President	Bob Fairbairn	KE9A	630: 682-3424
Vice President	Steve Peterson	N9OA	630: 742-3581
Secretary	Robert Mitiieri	N9EF	630: 510-7816
Treasurer	Kim Wiese	N9XE	630: 545-9950
Custodian	Roberto Beltramelli	WA9E	630: 668-5688

Volunteer Committee Chairs

Club Call Trustee	Tom Geletka	N9CBA	630: 289-2535
Christmas Party	Dale Kwarta	NJ9E	630: 858-8541
Club Awards	John Truitt	W9LQL	630: 682-0304
Club Truck			
Elmer/Know-Code	George Reichert	W9GWR	630: 871-1786
Elmer/Know-Code	Charlie Matthews	WB9SGD	630: 665-4506
Field Day	Frank Krozel	KG9H	630: 653-9090
Field Day	Dale Kwarta	NJ9E	630: 858-8541
Hamfest	Bruce Plantz	K9OZ	630: 604-0157
Chaplin	Harry Sheaffer	W9AXI	630: 483-2044

Historian

Interference

Refreshments

Refreshments Steve Peterson N9OA 630:742-3581

Membership Kim Wiese N9XE 630:545-9950

Membership Robert Mitiieri N9EF 630:510-7816

Membership Retention Robert Noles N9XS 630:372-7036

Public Relations

Public Service Joe LeFebvre N9WRO 630:587-8059

VHF/HF Awards Peter Barr W9UF 630:971-8581

Amateur License Staff

Training Classes Jack Feldman KA9HEL 630: 515-0377

Tech Instructor Mike Wolff AB9AX 630: 778-1070

Tech Instructor Robert Mitiieri N9EF 630: 510-9783

General Instructor Pat Byrne K9JAU 630:858-1959

Extra Instructor

Volunteer Exam. Harry Kamer K9HK 630: 953-0519

WCRA Repeater Administrative Board (RAB)

Trustee/Tech Adv Tom Geletka N9CBA 630: 289-2535

Chairman Don Motz, Jr. N9NYX 630: 665-7757

Secretary Doug Totel W9NJM 630: 469-3001

Tech Advisor Gary Henle N9VLL 630: 736-9102

Member George Henry KA3HSW 630: 830-6659

Member Larry Schroeder KA9KDC 630: 665-3228

WCRA Radio Nets

Sunday 8:00 pm 145.390/(-600) Net Control: Rotates

Sunday 8:30 pm 224.140/(-1.600) Net Control: Marty
KA9RCC

Tuesday 8:00 pm 145.390(-600) ARES Net

Tuesday 8:30 pm 444.475/(5.0) UHF Net

WCRA Repeaters

145.390/ 144.790 103.5(1A) or 107.2(1B) PL Encode/Decode

224.140/222.540 Carries Access - SKYWARN Service Liaison

444.475/449.475 114.8 Hz(2A) PL Encode/ Decode

145.310/144.710 WCRA, W9CCU-1 Full Duplex Packet Repr

HAMLETTER

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Photos Larry Schroeder KA9KDC 630: 665-3228

Features Peter Barr W9UF 630:971-8581

HAMLETTER 24 HOUR FAX 630:665-7757

HAMLETTER eMail address: donlin67@ameritech.net

WCRA Meeting Minutes

by: Robert Mitillieri
N9EF
WCRA
Secretary



The business meeting was called to order at 19:35 by the Vice President, **Steve N9OA**, and introductions were made by the board and all attendees. A motion was made by **Kurt, KB9RTO** to approve the minutes as written. The motion was seconded by **Marty, N9NTM**; a vote was taken and the motion was approved. Steve announced that the business meeting will be brief so that we can begin tonight's program, the auction. January's program will be the Hamfest by **Bruce, K9OZ**.

Treasurer, **Kim, N9XE** reported on the club's financial position. Custodian, **Roberto, WA9E**, reported that the truck was at JOTA and that it has a brake problem, possibly the master cylinder. **John, KC9OO**, offered to do the repair work but he needs a place. The heaters in the truck are OK. We have not yet received the insurance papers from the ARRL. Hamfest, Bruce K9OZ, reported that the Hamfest will be on January 26 come rain, shine, or snow. The Hamfest committee surveyed the site. There is still a need for volunteers. It may be necessary to hire a crew to set up tables Saturday night. A sign up sheet for volunteers is available as are tickets and flyers. Christmas Party, **Dale, NJ9E**, reported that the event will take place at White Fence Farm in Lemont. We will be able to have a private room if there are 30 or more attending. The cost is \$20 for adults and \$10 for children. The dinner will be served family-style. Reservations may be made until just before event. A motion was made by **Jack, KA9HEL**, to adjourn the meeting; the motion was seconded by **Judy, N9TDU**. A vote was taken and the motion was carried and the business meeting was adjourned at 20:35. Refreshments and the auction followed.

***Have you signed-up to help work at the Hamfest?**

***Have you gotten your tickets to sell?**

***Have you visited another club with tickets?**

Please contact the Hamfest Committee at 630: 604-0157 to sign-up.

New
Price!

ANCHORS...ANCHORS...ANCHORS

New
Price!

BACK BY POPULAR DEMAND

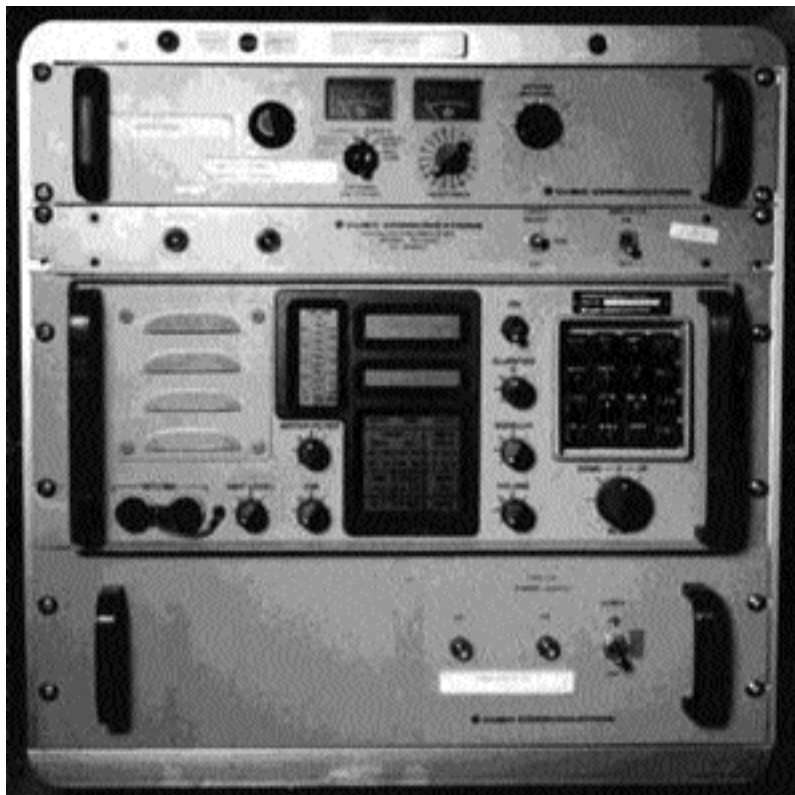
FOR SALE: A nearly complete ham HF station in one package. Just plug into wall and antenna and go!
\$1,500.00

Cubic Communications RT-1393 Field Transportable HF/SSB Transceiver RT-1393/USQ is a solid state transceiver capable of continuous coverage from 1.6 - 30 MHz in 100 Hz steps (284,000 "channels" is Cubic's claims). It offers simplex and semi-duplex modes and operates in the USB, LSB, ISB, CW and AM modes. Filter bandwidths are 2.4kHz, 1.8kHz, 500Hz and 6kHz for AM operation. 100 channels can be programmed into memory which lends itself nicely to the scanning of favorite frequencies. Power output is 100W PEP. Power requirements are 20-32VDC or 115/230VAC.

SYSTEM INCLUDES:

ST-3MR Antenna Matching Unit: select and manually tune among several antennas, including balanced and unbalanced lines (built-in balun), PR-8252 Receiver Pre-Amplifier, PS-7013 Power Supply: provides required voltage for operation of radio. Wired for 115V operation.

All parts are mounted in a small 19" rack. Legs have been added to the bottom of the rack to raise it to desk level. A microphone is included. Operating and service manuals included. This system regularly sells for \$2,200 at surplus. I can be reached at w9srb@arrl.net (email) or call (630) 462-7365 and leave a message. Thanks, Steve



ANCHORS...ANCHORS...ANCHORS...

I am offering two model 28 teletypes. Both in good working condition. They are the full keyboard models, transmit and receive with full cabinets. All manuals are included as are many spare parts. Also a very ample supply of roll paper now hard to locate. One unit has three speeds.

Also a Flesher TU-170 Teletype Terminal Unit to connect the TTY's to either HF or VHF/UHF transceivers. A bargain in a nutshell. These units have seen many years service in my shack.

This entire package is yours for the pickup. No parting please. Take it all and enjoy. I could include some 2100+ TTY pix on CD if interested along with the program to run them.

73, W9LIW

Gene (Mac) McAleer

3N531 Broadview Ave.

Addison, IL 60101-3001

H/P 630-627-9207

Computers offered by club to a good home.





Activities on the HF Bands

by:
Peter Barr
W9UF

Jean Marc, F8IXZ will be in Senegal from December 14 to 22. He will be in the Djouj National Park, in the northern part of Senegal near the Mauritania border, and QRV as 6W4/F8IXZ. He will also spend a few days before and after in Dakar where he will operate as 6W1/F8IXZ. Equipment will include a FT-847 and a G5RV antenna for activity on 10 through 40 meters, mostly CW. QSL via F8IXZ.

Argentina's Bahia Blanca DX Group is activating Gama Island (SA-022) December 6-9. LW3DKC/D, LW4DRH/D, LW4DRV/D, LW8DMK/D, LW9EAG/D, LU4ETN/D, LU6EPR/D, LU6DRD/D, LU7DSY/D, LU8DWR/D, LU8EBK/D, LU8ECF/D, LU8EBJ/D, LU8EXN/D and LU9ESD/D will be on all bands. QSL via LY7DSY. For international return postage purposes, they

say it now costs \$1.25 U.S. to mail to the U.S. and \$1.40 U.S. to mail to anywhere else in the world.

Members of the International Amateur Radio Volunteers (IARV) are heading back to Western Africa. The IARV is a non-government organization and will once again be QRV from Mauritania and Western Africa in their spare time. The first stop will be from Mauritania between November 29 and December 7. Look for activity from 5T5PBV (JA1PBV), 5T5RUZ (JA8RUZ), 5T5RQ (JA6RQ) and 5T5CPS (JA1CPS). QSL via home calls. The group will also send a team into Western Sahara between December 2 and 5 and will be QRV as S07U. QSL via JA1UT. The group will consist of team leader JA1UT, JA1UPA (XYL), JA1PBV, JA8RUZ, JA1CPS and JA6RQ. They will put in a special effort of 160 and 30 meters.

ZS5WC, William, is now back in Khartoum, Sudan. He now has an IC-735 and a Hustler 4BTV. An amplifier was purchased however it was damaged in the shipping and is currently being repair by ZS4TX, Bernie. Once fixed Bernie will ship it to William. William will be traveling through Sudan over the next few weeks and may get on the air with a dipole until he gets back to his base in the capital city. Look for activity until at least Christmas. The Northern California DX Foundation (NCDXF) donated QSL cards. WD4NGB, Bruce, has set up a Web site for William at <http://www.qsl.net/st0f/>. QSL via ZS4TX.

Koichiro Takeda, JF1EQA is now working in Dhaka, Bangladesh and has recently obtained his S21YY license. Look for activity from him until 2004. Lately he has been found on 15 meters CW and RTTY. QSL via JF1EQA.

Roger, G3PVU is now active from Egypt as SU9VU. He is working in the Northern Sinai at El Gorah near El Arish. Roger will be active on 20 and 15 meters CW/SSB during his free time, but hours of activity will always depend on his work schedule. Roger was heard in mid November (as this is written) on 15 meter phone between 1Ø3Øz and 14ØØz, and on 20 meters 183Øz and 23ØØz. QSL via EA7FTR.

Base Esperanza, the Argentine research station in Antarctica, has resumed summer operations and club station LU1ZV is back on the air." Operations began in early November with Jorge (home call LU1ZF) at the mic. He is not fluent in English, but manages with QSO phases. Piloting the operation is Henry, LU4DXU, who took short lists for Jorge and translated as needed. Henry is also the QSL manager. Until mid-December, expect short unscheduled operations only due to Jorge's duties at the base. After that, Jorge and Henry will set up some schedules and take lists.

Should be easy to work Belize this winter. Joe, K8JPhas returned with his wife Beverly and will be there until April 2003. He will once again sign V31JP, and operate CW with some SSB and, maybe, RTTY. Operations will be on 160-6 meters. He plans on being active in the ARRL DX CW and SSB Contests as a SO/AB/HP entry and many other contests, as time permits. QSL via KA9WON with SAE and postage. Please visit the following Web page at: mywebpage.netscape.com/v31jp/homepage.html.

In addition, Jay, KØBCN/V31MX and Cal, V31MF will be on Caye Caulker (NA-Ø73) from December 11-17th. Activity will be on 20,15 and 10 meters. The will enter the 10 meter contest as V31MX with a Multi-Single station. QSL via KØBCN.

There is a new YL in Guyana. Bevon, 8R1YL, is reportedly the first national YL to be licensed in Guyana. She has been spotted as active on 12 meters in the afternoon. Gaynell, 8R1/KD4GMV (4/97) and Iris,W6QL/8R1 (12/81) are the only known YLs to have operated from Guyana in the past.

Joe, K8JP will be returning to Belize this November and hopes to be there from November 20, 2002 through April 2003. He will mainly operate CW with some SSB and maybe RTTY. Look for him on 6 through 160 meters. He plans on doing the ARRL DX CW & SSB and many other contests as time permits. QSL via KA9WON with SAE and postage.

QRZ DX reports that PY8IT, Tony, is once again heading to Fernando de Noronha. He is expected to be QRV mostly on the digital modes as PYØFT from December 8 to 10. QSL via JA1ELY.

The special callsign ZS6SOL will be on the air November 30-December 7 with a group of ZS5 and ZS6 hams operating. The operation notes a total eclipse of the sun that will be visible in the northern and northeastern parts of Limpopo Province, South Africa, December fourth. QSL via ZS5WI.

The Valencia County ARA will operate KC5OUR as a special Event from 14ØØz Dec. 18 through 23ØØz Dec. 26 celebrating Christmas from Bethlehem, NM. Suggested frequencies are 7.270, 14.270, 21.370 and 28.370. QSL with a SASE to: VCARA, PO Box 268, Peralta, NM 87042.

AI7MU will commemorate the attack on Pearl Harbor. The station will operate from the USS Arizona Memorial in Bullhead City, AZ. Scheduled operation is from Ø7ØØz Dec. 7 to 12ØØ Dec. 8, in the General Portion of 40, 20, 15 and 10 Meters. Either a Certificate or QSL is available with a SASE to AI Duaway, N7AD, HC34 Box 55, Williams, AZ 86046.

Mako, 7N2UTO has established a small search engine for DXers. The name of the site is called "THE DX RANKERS." The site is a collection of web sites, which are useful for Dxers and also a bulletin board that accepts image files and a reverse link ranking, too. You can visit his Web page at <http://isweb31.infoseek.co.jp/sports/rankers/>.

Steve, N4JQQ/C6AFP notes that the Bahamas QSL bureau has not been functioning for years with the Bahamas Amateur Radio Society dormant. Steve believes C6AFV, Delano, has all the cards that have accumulated in his possession in Freeport. So, if you want a QSL from the Bahamas, Steve says, QSL direct and/or via the home call if it's a visiting ham. If you work Steve himself when he's on as C6AFP, QSL to him at N4JQQ with the usual SASE or other return postage and you should be well taken care of.

The ARRL Letter reports the DXCC Branch is digging out of the September card submission rush, when half the year's cards are received. 240,000 QSL cards from 2,400 applicants were taken in. Wayne Mills, N7NG says new software will enable standings updates throughout the year, hopefully starting in 2003. Bill Moore, NC1L reports QSL cards for 7Z1AC from Saudi Arabia are now good for DXCC. There are several others from this part of the world that are still awaiting the needed approvals.

W1AW Fall/Winter Operating Schedule

Morning Schedule:

Time	Mode	Days
14ØØ UTC (8 AM CST)	CWs	Wed, Fri
14ØØ UTC (8 AM CST)	CWf	Tue, Thu

Afternoon/Evening Schedule:

2100 UTC (3 PM CST)	CWf	Mon, Wed, Fri
2100 " "	CWs	Tue, Thu
2200 " (4 PM CST)	CWb	Daily
2300 " (5 PM CST)	RTTY	Daily
0000 " (6 PM CST)	CWs	Mon, Wed, Fri
0000 " "	CWf	Tue, Thu
0100 " (7 PM CST)	CWb	Daily
0200 " (8 PM CST)	RTTY	Daily
0245 " (8:45 CST)	VOICE	Daily
0300 " (9 PM CST)	CWf	Mon, Wed, Fri
0300 " "	CWs	Tue, Thu
0400 " (10 PM CST)	CWb	Daily

Frequencies (MHz)

CW: 1.818 3.5815 7.0475 14.0475 18.0975 21.0675 28.0675 147.555
RTTY: 3.625 7.095 14.095 18.1025 21.095 28.095 147.555
VOICE: 1.855 3.990 7.290 14.290 18.160 21.390 28.590 147.555

Notes:

CWs = Morse Code practice (slow) = 5, 7.5, 10, 13 and 15 WPM
CWf = Morse Code practice (fast) = 35, 30, 25, 20, 15, 13 and 10 WPM
CWb = Morse Code Bulletins = 18 WPM

CW frequencies include code practices, Qualifying Runs and CW bulletins.

RTTY = Teleprinter Bulletins = BAUDOT (45.45 baud) and AMTOR-FEC (100 Baud). ASCII (110 Baud) is sent only as time allows.

Code practice texts are from QST, and the source of each practice is given at the beginning of each practice and at the beginning of alternate speeds.

A DX bulletin replaces or is added to the regular bulletins between 0100 UTC Thursdays and 0100 UTC Fridays.

In a communications emergency, monitor W1AW for special bulletins as follows: Voice on the hour, Teleprinter at 15 minutes past the hour, and CW on the half-hour.

DX Potpourri

Monk Apollo, SV2ASP/A, is back in Mount Athos for the Fall/Winter season. He spent his summer gathering olives just over the border in Greece. Hopefully Apollo will be QRV in his spare time.

HL8KSJ has been on from the South Shetlands (VP8) from South Korea's King Sejong Station in

Antarctica. The operator is Oleg, UA1PBA.

Mel, JA2KLT has been working in Damascus, Syria since April of this year. He hopes to soon be QRV from the club station of YKØRJ. Apparently this is a donated station by the IARU, currently with no antennas. Once Mel gets on the air, QSLs will be handled by JA1ELY.

Well-known QSL manager Antoine, F6FNU reports that he was recently hospitalized. If you've send cards to him in the last 6 weeks please be patient as he recuperates and catches up.

Frank, 3A2MW can often be found putting Monaco on the air on 12 meter CW around 1200z. Because of the mountainous terrain, this can be a tough one to work.

EK8ZZ, operator Rodney, is active almost every night on the digital modes from Yerevan, Armenia. He usually operates RTTY, PSK31 and MT63 modes, between 21070-21085 and 14070-14085. Rodney is also known as KP4USA. EK8ZZ is the club station call there.

XT2ATI is operator Dani, EA4ATI. He will be in Burkina Faso the next six months. QSL direct only via EA4YK.

AC4G, Bruce, is planning to head back to the Marshall Islands. Look for him to be active as V73CW starting around the first week of December. QSL via AC4G.

Peter, VKØMQI is stationed on Macquarie Island until March 2003. About the only time to catch him is between 0400 and 0600z on Sundays on 21.365. His QSL's have already been approved for DXCC.

Joey, T9/W5BAK will be in Sarajevo, Bosnia-Herzegovina, December 17-23. It's possible he will be able to get a T98 callsign. He will be on in the evenings local time on 10, 15 and 20 SSB, PSK31 and RTTY. QSL via W5BAK.

VP5/W6XK and VP5/N6EE will be on from the VP5B contest station in the Turks & Caicos January 1-7 including the ARRL RTTY Roundup, when they will use the callsign VP5NN. Before and after the RTTY event, they will emphasize RTTY on all bands and CW and phone on the WARC and low bands. QSL via their home calls and QSL VP5NN via NN6NN. VP5B and at least two other VP5 stations were active in the CQWW SSB this weekend.

Logs for the recent C98RF and C98DC DXpedition can now be found on-line at http://www.qsl.net/dl7afs/Log_C9.html

The recent SØ7L logs can now be found at <http://www.ure.es/>.

JA1UQP has collected several records, which can be heard, of W9WNV, Don Miller, from several of his DXpeditions of the late 1960s. Check them out at <http://www.cqham.com/tgc/w9wnv.htm>.

<u>TIME</u>	<u>DATE</u>	<u>CONTEST/EVENT NAME</u>	<u>BAND</u>	<u>MODE</u>
2000z 2400z	Dec. 1 Dec. 1	Holiday Spirits Home- brew CW Sprint	160-10 Meters	CW
0000z 1200z	Dec. 4 Dec. 5	Top Band Sprint	160 Meters	CW
2200z 1600z	Dec. 6 Dec. 8	ARRL 160 Meter Contest	160 Meters	Phone/CW
2300z 0900z	Dec. 6 Dec. 9	Winter Six Meter Contest	6 Meters	Phone/CW
1800z 0200z	Dec. 7 Dec. 8	TARA RTTY Sprint	80-10 Meters	RTTY

ØØØØz	Dec. 7	PSK31		
24ØØz	Dec. 8	Death Match	80-6 Meters	PSK31
18ØØz	Dec. 7	TOPS		
18ØØz	Dec. 8	Activity Contest	80 Meters	CW
ØØØØz	Dec. 14	ARRL		
24ØØz	Dec. 15	10 Meter Contest	10 Meters	Phone/CW
Ø2ØØz	Dec. 15	Great Colorado		
Ø4ØØz	Dec. 15	Snowshoe Run	40 Meters	CW
ØØØØz	Dec. 14	DPX (Digital Prefix)		
24ØØz	Dec. 14	Contest	160-6 Meters	Digital
ØØØØz	Dec. 21	OK DX (Czech)		
24ØØz	Dec. 21	RTTY Contest	80-10 Meters	RTTY
ØØØØz	Dec. 28	RAC Canada		
24ØØz	Dec. 28	Winter Contest	160-2 Meters	Phone/CW
15ØØz	Dec. 28	Original QRP		
15ØØz	Dec. 29	Contest	80/40/20 Meters	CW
ØØØØz	Jan. 1	ARRL Straight Key		
24ØØz	Jan. 1	Night	80/40/20 Meters	CW
18ØØz	Jan. 4	ARRL RTTY		
24ØØz	Jan. 5	Roundup	80-10Meters	Digital

That should keep you busy through the month of December. I would like to wish you all the best for this holiday season. Please join me by taking a moment during these celebrations and reflect on the love we share with our families.

Special thanks this month to Bernie McClenny, W3UR and The Daily DX, DX-NL Newsletter, ARRL, OPDX and the SK3BG Contest Service for information used.

Until next month,

73 es Good DX

Pete, W9UF



Robert, N9EF, teaching the technician class at College of DuPage. The two young ladies on the right are harmonic's of KA9KDC and KB9FYL.

This item was recently received by eMail. Would someone like to take this individual under their wing?

Hello,

My name is Scott Meers. I live in Lombard. I am a new general, as of last Friday. I have an old Heathkit HW-101 that I have been listening to for about a year. I am looking for someone who has a good working knowledge of the older tube Heathkit equipment. The tuning procedures and use of a SA-2040 transmatch has got me overwhelmed.

I guess I am in need of a elmer. If you know of anyone in the group, that would be willing to take on an understudy, I would be graetful. I don't bite, and am housebroken (HA-HA)

I work second shift, but have Thursdays and Fridays off and don't go into work until 2:00 P.M. My home phone is 630-627-1378, but it might be easier to page me and I will return the call. My pager number is: 630-270-5081.

Thank you!!!

Scott KC9AWN

P.S. I am interested in joining the club, so if you have anything that you could e-mail me, please do so. THX.

BIRTHDAYS OF DECEMBER

CHARLES	WJ9N	12-06-31
ROBERT	W3MDM	12-09-28
BILL	KA9ALO	12-11-44
DON	K9MUF	12-13-31
MARTY	KA9RCC	12-15-48
DOUG	W9NJM	12-15-46
JOHN	N9GLZ	12-19-24
LARRY	WA9RTE	12-21-44
GEORGE	KA3HSW	12-27-56



As a reminder, the FCC database no longer provides date of birth as it once did. If you do not see your name appear in the list of birthdays and would like to be included please forward this information to the editor.

BACK AGAIN!

ANCHORS...ANCHORS...ANCHORS

NEW PRICE!

Pls put in hamletter:

Yaesu FT-50 dual bander \$175.00 and Icom IC-Q7A \$85.00. Contact Kurt KB9RTO@arrl.net

AN/GRA-4 Field Antenna System \$100.00

This field portable "kit" consists of 16 interlocking alloy sections, 12 guy ropes w/rings, 1 halyard, 1 counterpoise, 1 mast tip, 4 metal guy stakes (at least), one base plate, one base swivel stake, one isolator (insulator), and the carrier for transporting the kit. The mast is 45 feet high when completely assembled, and can withstand very high winds when correctly guyed. Excellent for hoisting dipoles and other wire-type antennas, for field day or otherwise. By using the isolator, the mast itself can also be used as a vertical radiator.

I can be reached at w9srb@arrl.net (email) or call (630) 462-7365 and leave a message. Thanks, Steve

Amateur Radio Toy Store

117 W. Wesley St.
Wheaton, IL 60187
(630) 668-9577
Fax: (630) 690-9335

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DECEMBER CALENDAR OF EVENTS:

The Christmas Party was held in lieu of the December membership meeting.

- 2nd of December: Club breakfast **every** Tuesday morning 7-9 AM, Glen Oaks Restaurant, Glen Ellyn
- 5th of December: Club brunch **1st & 3rd** Thursday at 10:30 AM, Carol's Garden, Carol Stream
- 15th of December: **DEADLINE FOR HAMLETTER SUBMISSIONS FOR JANUARY.** Remember we are doing a limited printed edition. Please be prompt.
- 19th of December: VEC testing at the Helen Plum Library in Lombard from 6:30 till 8:30pm. One week early because of Christmas.

WCRA General Membership Meeting - January 3rd - Wheaton College - 7:30 PM

WCRA was founded in 1948 and continues to be involved in all facets of Amateur Radio supporting the healthy growth of the hobby through diversification and participation. Our members have always been our most important asset and we would like to see you join us for our next meeting. Our business meetings are followed by a break for conversation, coffee, soda pop, and fat pills. This is followed by an amateur radio related program. We would like to see you there to share the enthusiasm.

HAMLETTER

Newsletter Address:

526 South Gables Boulevard
Wheaton, Illinois 60187-4728
eMail: donlin67@ameritech.net

Club Mailing Address:

Wheaton Community Radio Amateurs
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