



THE HAMCALL



Volume 43

Number 1

January 2004

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January Program...

The program for January will focus on two items. First, the club committee establishments by the President, Mike Kallstrom, NU4Q. The committees, at minimum are: Field Day, Bridge Watch, Picnic, Nominating, and Awards. If you wish to chair or be on a committee, please attend the meeting. Then second, an ARRL historical documentary about the ARRL in 1935.

See you there!

Awards Dinner - November 21st, 2003



Photo by Jim Ferguson, WA4BFL

From left to right: Jeff Martin, WB4JM, Jean Oldum, KE4WVX, Jim Ferguson, WA4BFL, and Claire Rinehart, KF4IWX.

The KCARC Annual awards dinner was held on November 21st, 2003 at the Ponderosa on Scottsville Rd in Bowling Green. Numerous club members were present. The meal was delicious and it was a great time of fellowship and talk of Amateur Radio. Presentations were as follows:

Jean Odum, KE4WVX, was presented the "Presidents Plaque."

The "Ham of the Year" went to **Hank Cantrell, W4HTB**.

Other certificates were given to the following individuals:

Vice President Elect:

Michael Kallstrom, NU4Q

Vice President:

Jeff Martin, WB4JM

Sec-Treas:

Robert Holzapfel, KB4FEN

Sec-Tres:

Claire Rinehart, KF4IWX

Board of Directors:

Cindy Sanders, KD4YHF

Jim Ferguson, WA4BFL

Tim Miller, WA9TFF

Henry Cantrell, W4HTB

Carroll Brooks MD, KC4HDG

HamCall Editor:

Henry Cantrell, W4HTB

Web Page Master:

Dean Maggard, K4NQV

Field Day Chairman:

Fred Painter, KA4CFW

Alice Blair, WA4RRR, was also recognized for her dedication and service to the local Amateur Radio Community as "Forth District ARES Net Manager."

Thanks to Marshall Love, KC4WFN, for constructing the "On-Going" plaque to be hung at the Police Station meeting room.

The Presidents Corner... By Michael Kallstrom, NU4Q



The advent of a new year prompts most of us to think about where we've been and where we are going. As a relative newcomer to Ham radio and to the KCARC, I've been pondering the direction our club should be taking with respect to the amateur radio hobby.

My computer dictionary says a hobby is "something that one likes to do or study in one's spare time; a favorite pastime or avocation an avocation, pastime, diversion, sideline, side interest, leisure-time activity, personal obsession, specialty, whim, fad, unremunerative occupation, favorite occupation, favorite pursuit, pet topic, fancy, caprice, relaxation, whimsy, labor of love, play, craze, *divertissement* (French), sport, amusement, quest, craft, fun, art, game." Which one of these shades of definition fits your idea of your amateur radio hobby? Perhaps you enjoy the technical "study" of facets of amateur radio, such as antennas, PSK31 or ATV. Maybe the hobby is a "diversion" for you, something to take your mind off the routine of daily living. It may also be a true "relaxation" for you. I have found that when I am hamming, my mind is free of worries and concerns. Or radio may be a "craft" for you, a skill that you enjoy practicing and refining. For some, the hobby is more like a sport and they participate in contesting or fox hunts.

The same dictionary says that an amateur is "a person who engages in some art, science, sport, etc. for the pleasure of it rather than for money." Hopefully, we are all in this

hobby because we enjoy it! But do view your hobby as "art" or "science?" One definition seems to imply a more technical focus and one a more general, practical emphasis. Or are you engaging in a "sport," such as contesting or Dxing?

Finally, the dictionary defines a club as "a group of people associated for a common purpose or mutual advantage, usually in an organization that meets regularly." What do you perceive as the purpose of the KCARC and what is the mutual advantage to be gained from our organization? We certainly meet regularly but do you prefer meeting at the police department or would you rather gather in a more social environment, such as a restaurant with a reserved dining area?

Which combination of these definitions fits your idea of what the amateur radio hobby is all about? The KCARC is your club. What would you like it to be? Are you interested in public service events? Contesting? Special events stations? Technical presentations? Dxing? Or simply more social events that offer opportunities for members to interact? The officers of the club will only know the answers to these questions if you take the time to let them know.

As you ponder these questions, you might also recall the radio amateur's code. The original Amateur's Code was written by Paul M. Segal, W9EEA, in 1928.

The Radio Amateur is:
CONSIDERATE...never knowingly operates in such a way as to lessen the pleasure of others. LOYAL...offers loyalty, encouragement and support to other amateurs, local clubs, and the American Radio Relay League, through which Amateur Radio in the United States is represented nationally and internationally. PROGRESSIVE...with knowledge abreast of science, a well-built and efficient station and operation above reproach. FRIENDLY...slow and patient operating when requested; friendly advice and counsel to the

2004 KCARC OFFICERS

President:

Michael Kallstrom, NU4Q

Vice President Elect:

Jeff Martin, WB4JM

Vice President:

Joe Durbin, W4BWG

Board of Directors:

Jim Ferguson, WA4BFL

Cindy Sanders, KD4YHF

Tim Robinson, KF4MGU

John Moser, KG4TOO

Jean Odum, KE4WVX

Webmaster:

Dean Maggard, K4NQV

www.angelfire.com/ky/kcArc

HamCall Editor: Jeff Martin, WB4JM

For editorial questions, call Jeff at

(270) 796-8577 or email Jeff at

jeff.martin@wku.edu



2004 KCARC Meeting Dates (Third Friday)

January 16
February 20
March 19
April 16
May 21
June 18
June 26-27 (Field Day)
July 16
August 20
September 17 (Picnic)
October 15 (Elections)
October 30 ?? (Bridge Watch - Sat)
November 19 (Annual Dinner)
December 18 (Sat Morning)

beginner; kindly assistance, cooperation and consideration for the interests of others. These are the hallmarks of the amateur spirit. BALANCED...radio is an avocation, never interfering with duties owed to family, job, school or community. PATRIOTIC...station and skill always ready for service to country and community.

Happy New Year and I'll see you at the next meeting of our wonderful hobby! Be sure to attend the January meeting, as we need to set our committees and goals for the coming year. Jeff Martin is planning some fascinating programs for 2004, including some do-it-yourself sessions on building VHF antennas.

73's
Mike

Secretary/Treasure Report

By Claire Rinehart, KF4IWX

The fourth quarter financial activity for KCARC was as follows

Income	
Dues	\$59.00
Donations	\$0.00
Other (Banquet)	\$246.50
Total Income	\$305.50
Expenses	
Ham Call	-\$28.11
Field Day	\$0.00
Repeaters	\$0.00
Liability Insurance	\$0.00
Meeting Costs (Banquet, Picnic)	-\$343.16
Other Costs	-\$22.23
Instructional Materials	-\$231.20
Total Costs	-\$624.70

The KCARC account stands at \$1,171.39 at year's end.

With the new year comes the need to renew your membership. See Claire Rinehart, KF4IWX, at the next meeting or mail them to him at 755 Whitlock

Rd, Alvaton, KY 42122. Dues are \$15.00, for an additional Family Member add \$7.50.

Forth District ARES News

By Fred Painter, KA4CFW
District Emergency Coordinator

I would like to wish everyone a very HAPPY NEW YEAR WITH HEALTH AND PROSPERITY in 2004.

We also want to thank ALICE , WA4RRR, for the dedication that she has shown for all of the years she has been in control of the nightly net. She was available to always make sure that everyone was scheduled to call the net each night. We also want everyone that has taken part in the nightly nets and those helping Alice in her responsibilities.

The net needs a NET CONTROL OPERATOR to schedule the operators and to send in the net reports to the proper people in the ARRL.

I am sure Alice would help anyone that would be able to do this. She would answer any questions that might come up.

Think about this and we will have more to say at the next meeting.

KA4CFW FRED

Forth District ARES Net Report

By Alice Blair, WA4RRR
ARES Net Manger

Fourth District ARES Net
December 2003
613 Check-ins- 31 Traffic
Net in Session 17.13 Hours
signed Alice Ford Blair
Liaison with K4LID



Editorial Column

By Jeff Martin, WB4JM,
HamCall Editor

As you may or may not know, Hank Cantrell, W4HTB, has passed along his duties as HamCall Editor. He composed, printed, emailed, and mailed the HamCall for three-plus years to several amateurs and non-amateurs alike. Thanks Hank for your service to the club and the Amateur Community!

I'm sure you have already noticed that this HamCall is a little different than the ones Hank edited in the past; some things you may like, some things you may not. I know you will be patient as I get my head together, and with Hanks help, edit the next 11 issues of the HamCall. Of course this is not a one person responsibility. *Every club member has a part to play in their newsletter.* Please do not hesitate to send me news and other amateur related articles. What you send me can be anything you think our club members would benefit from. It could be about an antenna you built or it could be about a local zoning issue on towers. Don't be concerned with pictures, there are several club members with digital cameras. Also, please help me to keep the newsletter accurate. If you see any mistakes on any of the pages, please let me know.

If you received your issue via email, you noticed the HamCall is in color (and if your not but want too, let me know). Sorry, but those who receive the HamCall by regular mail, it will still be in B&W; it is too expensive to make color copies. Some material included is meant to help us become better operators. You will see the ARRL Propagation page that will help you make the most of DX. You will see a section profiling a single member of the club. This will include a picture of the members shack with a short equipment list and biography (If

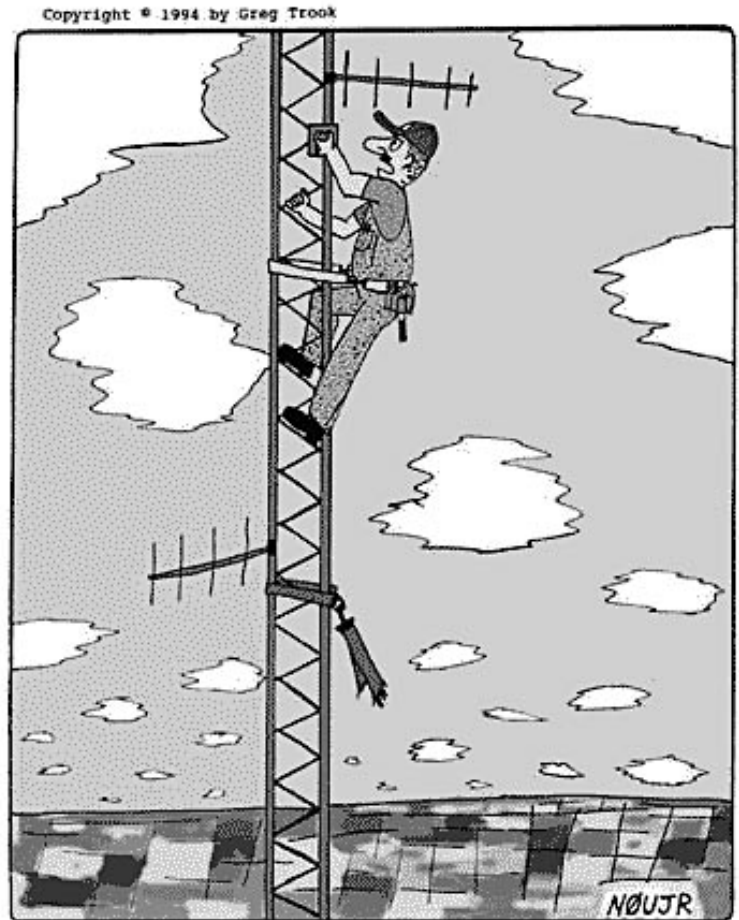
you would like to see yourself in print, let me know and I will make a visit to your shack). And finally, as Amateur Radio Operators we have a responsibility to maintain our hobby. You will see articles dealing with serious issues pertaining to our hobby. For this issue you can read about FEMA and BPL, along with the FCC and its new ULS system.

And as a final note, this January mailing will go to most Amateurs in Warren County, regardless if they are a KCARC member or not. I would encourage all of you to support your local

KCARC club by becoming a member if you are not already. Membership entitles you to the newsletter along with several other items related to the club. But most of all and most important, it is a simple but meaningful way for you to do your part in supporting Amateur Radio.

I look forward to hearing from you and I hope you have a fun year in the KCARC!

- Jeff Martin, WB4JM
(270) 796-8577
jeff.martin@wku.edu



"So Bob...why did your ex-wife give you a new climbing belt for Christmas?"



FCC ANNOUNCES UNIVERSAL LICENSING SYSTEM MAKEOVER

At week's end, the FCC was preparing to put a new face on the Universal Licensing System (ULS) <<http://wireless.fcc.gov/uls>>, which includes the Amateur Service. The Commission was set to unveil the new on-line ULS filing interface December 14. To implement the changes, the ULS on-line filing system will be down from 12 AM EST Saturday, December 13, until 10 AM EST Sunday, December 14. Among other features, the ULS makeover will include easier-to-read on-screen forms that guide users through filing and simplify such routine tasks as applying for license renewal, address change or vanity call sign. The FCC says the introduction of its new system, called "ULS License Manager," concludes phase one of an ongoing ULS overhaul by the Wireless Telecommunications Bureau. ULS License Manager will be compatible with most, if not all, major Web browsers and computer platforms and no longer will require downloading Java and Java Script files. Screens also will be compliant with Web screen-to-voice reader software. An FCC staffer involved with implementing ULS License Manager notes that all features may not be in place when the system debuts. The ULS will require all filers to log into the system using an FCC Registration Number (FRN) and Commission Registration System (CORES) password. The FCC said it would no longer accept a Taxpayer Identification Number (TIN)--a Social Security Number for most individuals--for log-in purposes. Once the new system is up and running, all licenses and applications in the ULS database

will be converted to the new ULS License Manager filing environment. There's also a new paper version of FCC Form 605, dated December 2003. One change is that Form 605 no longer requests a date of birth and will only accept an FRN and CORES password. There are no Amateur Service-related changes to any Form 605 schedules. The FCC says Amateur Service applicants may continue to use the March 2001 (or later) edition of Form 605, although it encourages use of the newest version. The new FCC Form 605 now is available via the FCC Web site <<http://www.fcc.gov/Forms/Form605/605.html>>. To assist with any ULS issues after the changeover, the Technical Support Hotline staff will be available Sunday, December 14, from 10 AM until 6 PM EST. Normal hours are weekdays (except holidays) from 8 AM until 6 PM Eastern Time. Technical Support is available via the FCC Web site <<http://esupport.fcc.gov/>> or telephone 877-480-3201 (TTY 202-414-1255). ULS licensing support and forms information is available weekdays (except holidays) from 8 AM until 5:30 PM Eastern Time via e-mail <ulshelp@fcc.gov>; or telephone 888-CALLFCC (225-5322), Option 2 (users also may call 717-338-2888).



LOGBOOK OF THE WORLD CONTINUES TO GROW

The ARRL's Logbook of the World secure contact-verification database continues to grow. So far, reports ARRL Membership Services Manager Wayne Mills, N7NG, nearly 5000 users have uploaded logs containing some 25.4 million Amateur Radio

contacts. This has resulted in more than 1 million QSL records. "The key is participation, and it doesn't cost a thing to get the software and upload logs," Mills pointed out. "We're encouraging all hams to participate in Logbook, whether the ham is a casual operator, contester, ragchewer or DXer." To further expand the database and generate more confirmed contacts for all LoTW users, Mills is calling on everyone to sign aboard and submit as many logs as possible. Once LoTW programming is complete, users will be able to redeem credits for ARRL awards without having to go through the expense and trouble of obtaining hard-copy QSL cards. Mills emphasizes that LoTW is not meant to replace paper QSL cards but supplements traditional QSLing. Signing up as a new LoTW user is simple. Visit the Logbook of The World Web site <<http://www.arrl.org/lotw>> and read the "Getting Started" document, Mills said. He advises new users to print it out to have the instructions handy. The "Getting Started" page offers step-by-step instructions for getting a secure digital certificate from ARRL and preparing and uploading logs. Mills noted that most new user problems result from failing to specifically follow the instructions outlined on the "Getting Started" page. Amateur Radio software developers are starting to include direct support for Logbook of The World in their programs. Most logging software allow users to export a log in ADIF format, which LoTW will accept. A few programs incorporate the ARRL's TQSL file-generation and digital certificate code, which simplifies the process of digitally signing logs and exporting them in a separate e-mail. For more information, visit the Logbook of The World Web site <<http://www.arrl.org/lotw>>.

The ARRL Letter Vol. 22, No. 48 December 5, 2003

FEMA to FCC: BPL will “Severely Impair” Mission-Essential HF Operations

NEWINGTON, CT, Dec 8, 2003-- Expressing “grave concerns” about likely interference from unlicensed Broadband over Power Line (BPL) systems, the Federal Emergency Management Agency (FEMA) has told the FCC that BPL could “severely impair FEMA’s mission-essential HF radio operations in areas serviced by BPL technology.” FEMA filed [comments](#) December 4 in response to last April’s FCC BPL Notice of Inquiry, ET Docket 03-104. FEMA expressed primary concern over BPL’s potential impact on the FEMA National Radio System (FNARS), which operates on HF and serves as the agency’s primary command and control backup medium as part of the Federal Response Plan.

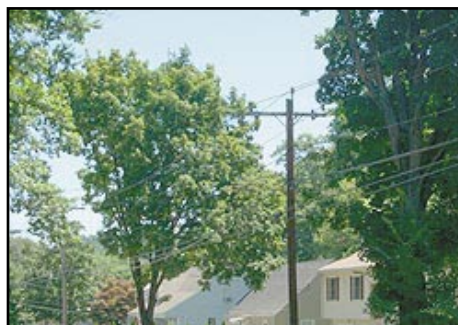


FEMA has concluded that introduction of unwanted interference from the implementation of BPL technology into the high frequency radio spectrum will result in significant detriment to the operation of FEMA radio systems such as FNARS,” FEMA’s comments assert. “FNARS radio operators normally conduct communications with signals that are barely above the ambient noise levels.” FEMA further noted that FNARS HF stations typically are in residential areas of the sort that BPL--a form of power line carrier (PLC) technology--might serve.

BPL also could render such “essential communications services” as the Radio Amateur Civil Emergency Service (RACES), the Military Affiliate Radio System (MARS) and the Civil Air Patrol (CAP) useless, FEMA said. FEMA and ARRL last year signed a [Memorandum of Understanding](#) that focuses on how Amateur Radio personnel may coordinate with the agency to support emergency communications functions.

Calling the HF spectrum “an invaluable and irreplaceable public safety resource,” FEMA said there’s no current alternative to HF in terms of meeting national security and emergency preparedness requirements at the national, state and local levels. The agency recommended beefing up the FCC’s Part 15 rules to ensure no increase in interference levels to existing FCC or NTIA-licensed communication systems, “because any noise increase inevitably would diminish the ability to maintain essential communications,” FEMA said, and would “directly impair the safety of life and property.”

The BPL interference situation is reciprocal, FEMA noted, citing [“Interference to PLC systems from Amateur Radio Operation”](#). That paper points out that Amateur Radio transmitters likely would interfere with BPL systems. BPL users likewise would experience service interruptions when its transmitters “overpower the signal levels expected by BPL modems,” FEMA predicted.



Broadband over Power Line (BPL) systems would use low and medium-voltage power lines like these to deliver broadband Internet service to homes and businesses.

FCC adoption of proposals to encourage widespread development and deployment of BPL also could result in consumer confusion regarding who would resolve interference issues and how. FEMA said it believes licensed radio services “will be perceived by consumers as responsible for the interference, since most consumers do not understand that their unlicensed Part 15 devices ‘must accept any interference received, including interference that may cause undesired operation.’”

“The purported benefits of BPL in terms of expanded services in certain communications sectors do not appear to outweigh the benefit to the overall public of HF radio capability as presently used by government, broadcasting and public safety users,” FEMA concluded.

FEMA Chief Information Officer Barry C. West, who filed the comments on the agency’s behalf, characterized the issues it raises as being “of great importance to the national public safety.” Because FEMA now is part of the Department of Homeland Security, its perspectives on BPL could carry substantial weight at the FCC, which may issue a Notice of Proposed Rule Making as early as February.

The ARRL announced last week that it plans to complete an independent BPL engineering study within a couple of months. The study will explore how BPL might affect HF and low-VHF amateur operation as well as how Amateur Radio operation could affect BPL systems.

Additional information about [BPL and Amateur Radio](#) is on the ARRL Web site. To support the League’s efforts in this area, visit the ARRL’s secure [BPL Web site](#).



KCARC Awards Dinner 2003

Photos by
Jim Ferguson, WA4BFL





KCARC Awards Dinner 2003

Photos by
Jim Ferguson, WA4BFL

KCARC Member Profile of the Month



Michael Kallstrom - NU4Q

NU4Q's station:

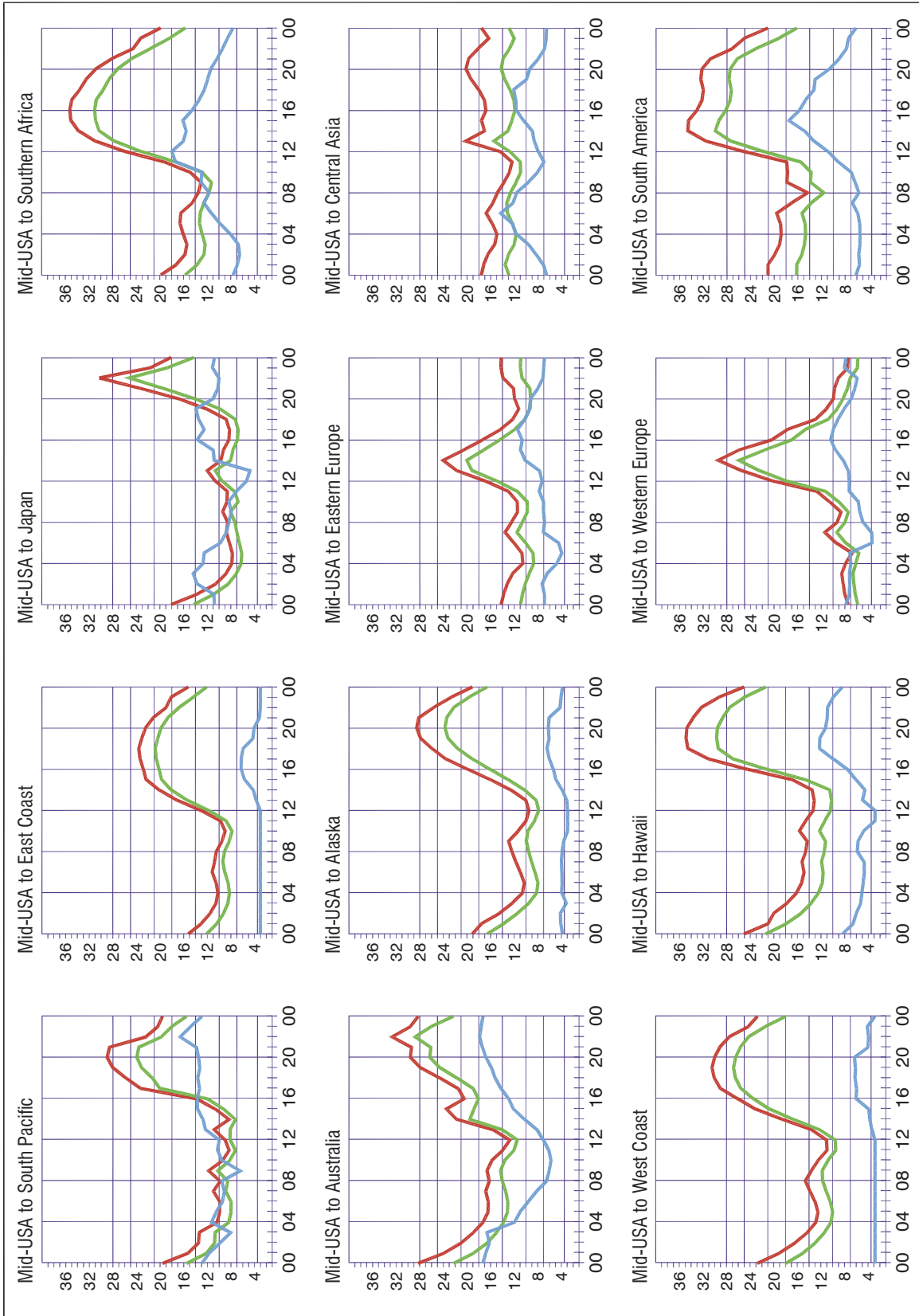
Ten Tec Jupiter, Ten Tec Pegasus both controlled by N4PY software running on a laptop computer; Heil Goldline Pro mic with a Mackie mixer, EV 619 desk mic; Astron and Radio Shack power supplies, MFJ 949E tuner, MFJ 784B DSP filter; G5RV and G5RV Junior at 30 feet, Butternut HF6V ground mounted, inverted L for 160 meters; Kenwood TM-D700 and TS440SAT in the mobile with Hamsticks for most bands.

Mike Kallstrom, NU4Q, earned his first license in 2000 after meeting several KCARC members at a city park where they were running a "foxhunt." He quickly upgraded his license and enjoys working phone and PSK31. Mike is Professor of Music and Coordinator of Music Theory and Composition at Western Kentucky University where he has taught since 1987. He and his wife, Karen, have two children. To date, he has not been able to talk any of them into getting a Ham license!

If you would like to see yourself in print let me know as there are only 11 spaces left!

- Jeff Martin, WB4JM

ARRL Mid-USA HF Propagation Charts. For more informations see:
<http://www.arrl.org/qst/propcharts/>



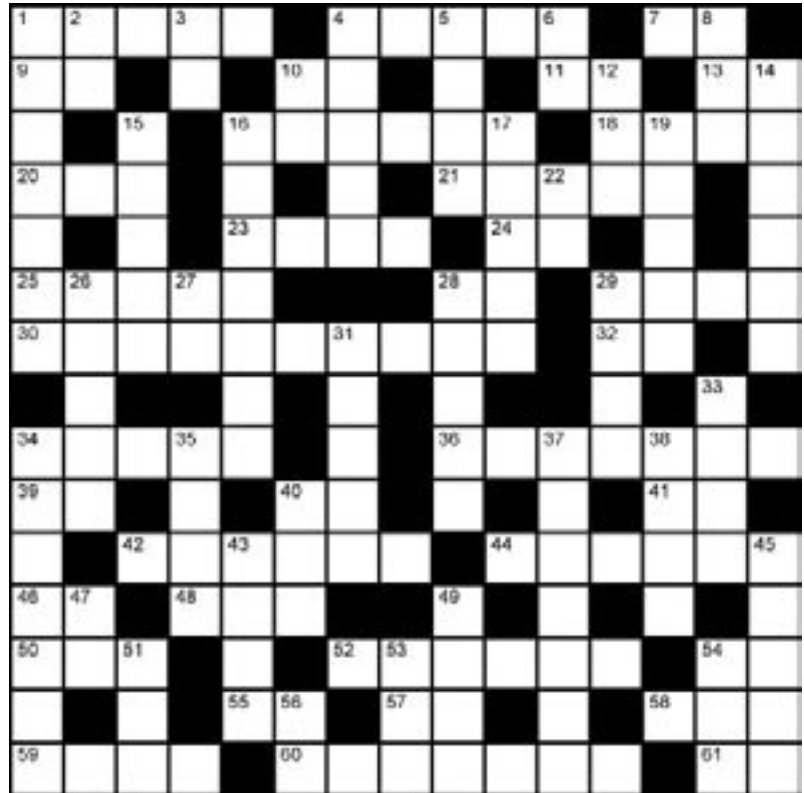
When are the bands open? These charts, generated using CAPman, show probabilities for average HF propagation in the month of **January 2004** for the paths indicated. The horizontal axes show Coordinated Universal Time (UTC), and the vertical axes frequency in MHz. On 10% of the days of this period, the highest frequencies propagated will be at least as high as the upper red curves (HPF, highest possible frequency) and on 50% of the days they will be at least as high as the green curves (MUF, classical maximum usable frequency). The blue curves show the lowest usable frequency (LUF) for a 1500-W CW transmitter. For SSB or a lower transmitter power, the LUF will be somewhat higher than the blue curves indicate. See Oct 1994 QST, pp 27-30, and Feb 1995 QST, pp 34-36, for more details. The predictions assume an observed 2800-MHz solar flux value of 101. This is a **Medium** level of solar activity. See the detailed propagation tables on *The ARRL Antenna Book CD-ROM*.

Crossword Puzzle

No matter if you're an acrophobic, there's no need to be afraid of these heights. You'll have to exercise your tower IQ to see if you're a regular "guy." This puzzle focuses mainly on the gadgets and terms you encounter when trying to get those antennas from where they are (not high enough) to where they should be (higher than the competition's).

Across

1. You hold things with these
4. What the rotator sits on
7. Newest version of Windows(tm)
9. Morning hours (abbr.)
10. Light (abbr.)
11. Operator (abbr.)
13. Logarithmic ratio
16. Bearing that carries an axial load
18. To deform or deface
20. Companion to tap
21. Follow behind
23. Mythical creatures that cause trouble
24. Current condition (with 22 down, two words)
25. Trouble indicator
28. Home computer (abbr.)
29. Lowest part of tower
30. Used to adjust tension
32. Prefix meaning "make into"
34. Bind or freeze
36. The best performers
39. Solicitation to buy (abbr.)
40. Most popular VHF mode
41. Small unit of current (abbr.)
42. A clumsy person is all
44. Reduce expenses or save money
46. To determine directions (abbr.)
48. Roger (abbr.)
50. A tower's supporting elements
52. Type of insulator also known as an "egg"
54. Microwave band above Ka
55. Popular program for optimizing Yagi antenna designs
57. Most malleable metal (Chemical symbol)
58. Ringrotor model name
59. Better than to receive
60. Insulator used at feedpoints (two words)
61. The Granite State (abbr.)



Down

1. Worn for protection (two words)
2. Oldest form of modulation
3. To be is to ..
4. Remove covering
5. 90 degrees from True North
6. Fee Fi .. Fum
8. Palm, Clie, Handspring
10. Opposite thread of RH
12. Measure of pressure (abbr.)
14. Supported
15. Prevent concrete from cracking
16. Forms smooth loop in guy wires
17. A short period of time
19. Remove dirt or corrosion
22. Current condition (with 24 across, two words)
26. Greased or oiled
27. Assistant to physicians (abbr.)
28. Straight up and down
29. Personal safety accessory
31. How to get to where the antennas are
33. Sliding carriage or sling
34. Portions of clamps that hold the dead end of a guy wire
35. German for "very"
37. One module of a tower
38. Give off or radiate
40. Former (abbr.)
43. Not pretty
45. What tools are carried in
47. Chemical symbol for element used to form most towers
49. Slang for food
51. Type of pole used for lifting
53. Line that controls during lifting
54. Relatives
56. Maximum width of pipe or tube (abbr.)

For the solution, visit the ARRL web site at:
<http://www.arrl.org/news/puzzles/2003/12/21/1/090-solution.jpg>

Contests & Hamfests for January

ARRL CONTEST CALENDAR

1 Jan - Straight Key Night
4/5 Jan - ARRL RTTY Round-Up
4 Jan - Kid's Day
18/20 Jan - ARRL January VHF Sweepstakes

SERA HAMFEST CALENDAR

3 Jan - Lakeway ARC.
Morristown, TN
10 Jan - Southwest Ohio Digital Symposium. Middletown, OH
10 Jan - Hamfest, Greenwood, SC
17 Jan - Free SE LA ARC Hamfest. Hammond LA
17 Jan - SCARA Hamfest at Civic Center. Gallatin, TN

ARRL HAMFEST CALENDAR

3 Jan 2004
Amateur Radio Group of Youth in Lowell
Contact:
Al Eckman, WW8WW
11700 Vergennes
Lowell, MI 49331
Phone: 616-897-4125
Email:
AEckman@lowell.k12.mi.us

3 Jan 2004
West Allis RAC
<http://www.warac.org>
Contact:
Phil Gural, W9NAW
S67-W12944 Larkspur Rd
Muskego, WI 53150-3435
Phone: 414-425-3649
Email: janphil@execpc.com

10 Jan 2004
Thunderbird ARC
<http://www.w7tbc.org>
Contact:
Steve Grouse, W1ADW
7523 West Ironwood Drive
Peoria, AZ 85345
Phone: 623-510-1036
Email: w1adw@arrl.net

10 Jan 2004
Boca Raton ARA Free Flea
Boca Raton ARA
Contact:
Lew Lehman, K4LEW
Email: k4lew@juno.com

10 Jan 2004

Fort Myers ARC
Contact:
Paul Horton, K4OVC
4111 Hidden Acres Circle
North Fort Myers, FL 33903-7108
Phone: 239-995-8951
Email: phorton@peganet.com

10 Jan 2004
145.490 Repeater Group
<http://www.qsl.net/49ers>
Contact:
Michael Blake, N0NQW
PO Box 246
Willard, MO 65781
Phone: 417-839-2071
Email: n0nqw@arrl.net

10 Jan 2004
Skyline ARC
<http://www.skylineradioclub.org>
Contact:
Paul Osinski, KC2DWW
PO Box 383
McGraw, NY 13101
Phone: 607-836-8745
Email: kc2dww@hotmail.com

10 Jan 2004
SWOH Digital Symposium
Dial Radio Club
<http://www.swohdigi.org>
Contact:
Hank Greeb, N8XX
6580 Dry Ridge Road
Cincinnati, OH 45252-1750
Phone: 513-385-8363
Email: n8xx@arrl.net

14 Jan 2004
Auction-Fest
Phil-Mont Mobile Radio Club
<http://www.phil-mont.org>
Contact:
Richard Moll, W3RM
PO Box 88
Abington, PA 19001
Phone: 215-659-4200
Email: five9plus@yahoo.com

17 Jan 2004
Southeast Louisiana ARC
<http://www.selarc.org/selarchamfest.htm>
Contact:
Forrest Clark, KD5PKS
PO Box 1324
Hammond, LA 70404
Phone: 504-451-1111
Email: trees@bellsouth.net

17 Jan 2004
Amateur Radio and Youth Club
<http://www.arayclub.org>
Contact:
Clayton Hewitt, KF8UI
1109 Ossington Avenue
Flint, MI 48507
Phone: 810-233-7889
Email: kf8ui@arrl.net

17 Jan 2004
Missouri Valley & Ray-Clay ARCs
Contact:
Carlene Makawski, KA0IKS
3704 Meadow Oak Lane
St. Joseph, MO 64503
Phone: 816-279-3406
Email: nem3238@ccp.com

18 Jan 2004
Hazel Park ARC
<http://www.qsl.net/w8hp>
Contact:
Jeff Albrecht, N8WR
PO Box 368
Hazel Park, MI 48030-0368
Phone: 248-642-3608
Email: n8wr@arrl.net

18 Jan 2004
New York/Long Island Section
Convention
Long Island Mobile ARC
<http://www.limarc.org>
Contact:
George Tranos, N2GA
PO Box 296
Bellport, NY 11713
Phone: 631-286-7562
Email: n2ga@arrl.org

18 Jan 2004
Sunday Creek AR Federation
Contact:
Russ Ellis, N8MWK
8051 Kochis Road
Glouster, OH 45732
Phone: 740-767-2226
Email: n8mwk@arrl.net

21 Jan 2004
Free Minifest
Baltimore ARC
<http://baltarc.com/activities/minifest1.htm>
Contact:
Doug Wittich, N3VEJ
3607 Klausmier Road
Baltimore, MD 21236-4818
Phone: 410-256-0257
Email: minifest2004@gbhc.org

24 Jan 2004
Winter Tailgate Swapfest
Contact:
Tom Ellis, K5TEE
Phone: 505-291-8122
Email: k5tee@arrl.net

25 Jan 2004
Wheaton Community Radio
Amateurs
<http://www.wheatonhamfest.org>
Contact:
Bruce Plantz, K9OZ
4712 Devon Avenue
Lisle, IL 60532
Phone: 630-968-1844
Email: info@wheatonhamfest.org

25 Jan 2004
Maryland Mobileers ARC
<http://www.qth.com/mobileers/>
Contact:
Frank Winner, N3SEO
283 Oak Court
Severna Park, MD 21146
Phone: 410-647-3335
Email: n3seo@aol.com

25 Jan 2004
Tusco ARC
Contact:
Gary Green, K8WFN
32210 Norris Road
Tippecanoe, OH 44699
Phone: 740-922-4454
Email: k8wfn@tusco.net

31 Jan 2004
DeSoto ARC
Contact:
Doug Christ, KN4YT
1593 NE Livingston Street
Arcadia, FL 34266
Phone: 863-491-0618
Email: kn4yt@arrl.net

31 Jan 2004
Lockport ARA
<http://lara.hamgate.net>
Contact:
Duane Robinson, W2DLR
PO Box 142
Ransomville, NY 14131
Phone: 716-791-4096
Email: w2dlr@arrl.net

THE HAMCALL

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KCARC MEMBERSHIP INFORMATION FOR 2004

NAME: _____ CALL: _____ TYPE* _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

BIRTHDATE: ___/___/___ YEAR FIRST LICENSED _____
MO DAY YEAR

HOME PHONE _____ WORK/CELL PHONE _____

EMAIL ADDRESS _____

ARRL MEMBER? Y N NOVICE ___ TECH ___ GENERAL ___ EXTRA ___

PLEASE INDICATE YOUR INTEREST (check the following categories)

- | | | |
|---------------------------------|----------------------|---------------|
| ---Programs for meetings | ---Pumpkin Watch | ---Contests |
| ---Writing articles for Hamcall | ___Teaching a class | ---Amateur TV |
| ---Awards Dinner | ---Taking a class | ---Packet |
| ---Emergency Communications | ---Communications at | ---SSTV |
| | Community events | |
| ---Homebrew construction | ---Field Day | ---Satellite |
| ---Other(pls explain) | | ---DX |

What do you like the most about Ham Radio? _____

+++++

Receive HamCall via Email (color) _____ or via USPS Mail (Black & White copy) _____

DATE PAID _____ AMOUNT _____ ----CHECK ----CASH

*New Member - \$15 Renewal - \$15 Additional Family Member - \$7.50

Associate Member - \$7.50 Student Member - \$7.50

PLEASE TURN THIS FORM INTO THE SEC/TRES AS SOON AN POSSIBLE

All Past, Present, and New Mem-
bers must complete a member-
ship application for 2004.

Claire Rinehart, KF4IWX
755 Whitlock Rd.
Alvalton, KY 42122

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NEXT KCARC CLUB MEETING:
JANUARY 16, 2003 AT THE BOWLING
GREEN POLICE STATION COMMUNITY
MEETING ROOM. 911 KENTUCKY ST.

HamCall printing by:

EXPRESS PRINTING

Full Service Printing-Copies-Graphics Design
901 Lehmon Ave. Suite 11
Midtown Plaza Shopping Center
Bowling Green, KY 42101
(270) 783-4233
fax (270) 783-4074

THE FORTH DISTRICT ARES NET MEETS
7 NIGHTS A WEEK AT 9:00PM LOCAL TIME.
REPEATER FREQUENCY 147.330 MHZ,
KA4CFW. SECONDARY REPEATER 147.165
MHZ, W4WSM.

Local Repeaters

Two -Meters

147.060+	PL156.7	K4LOL (CLUB)
147.165+		W4WSM
147.330+		KA4CFW
146.655-		W4WSM
145.450-		KG4FEJ (Echo-link)

440MHz

444.100+		W4WSM
444.700+	PL136.5	WB4JM (IRLP 4678) (Use the # key before dialing any IRLP node number)
444.850+	PL179.9	KF4QZN (Horse Cave)

ATV

439.25 AM IN - W4HTB
1280.00 FM Out - W4HTB
421.25 AM Out (CH-57) - W4HTB

THE HAMCALL

The Kentucky Colonels Amateur Radio Club
C/O Claire Rinehart, KF4IWX
755 Whitlock Rd.
Alvalton, KY 42122