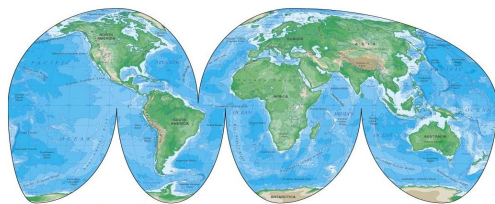


MOUNT VERNON

C



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AMATEUR RADIO CLUB January 2004

MEETINGS: SECOND MONDAY OF THE MONTH AT THE BIG BROTHERS OUTER LIMITS 7:00 PM
REPEATER FREQUENCIES: 146.790 (-) K8EEN 444.750(+) KC8YED
SPEED DIAL #S 7770=AAA (Howard St. Garage) 7771=Sheriff 7773=Police 7776=Highway Patrol
7778=MV Fire 7779=Report Repeater Problem # to shut off Auto Patch

Letter from the Editor

I'd like to thank Bob Bruff, N8PCE, for providing me with an updated paid-up membership list for 2005. It's a very complete list, too complete actually, as it contained personal info that I felt didn't belong in a public forum. That information was edited out and not included in the on-line version of this Newsletter.

I hope everyone had a nice holiday season despite the bad weather and power failures. Happy New Year!

Phil
N1GTZ

Attendance

December 15, 2004

Monthly Meeting

Name

Call

E-mail (if not already on record)

1. David Rankin
2. Zach M^cCardel
3. E. Mike M^cCardel
4. Michael Deane
5. Vicki Crowthers
6. Dan Crowthers
7. Larry J. Helzer
8. Harold Rush
9. Louise Rush
10. Peggy Hockenberry
11. Don Bunner
12. Robert M^cBride, Sr.
13. Jerry Walker
14. Charlene Householder
15. Bob Bruff
16. Dick Huggins
17. Phillip Buble
18. Barry Butz

K4AWO
KC8YLE
KC8YLD
KC8JEZ
KC8DZQ
KB8TEX
AA8WP
AB8BI

KB8QPP
KB8QPO
N8QPM
KB8JAA
N8RPZ
N8PCE
WD8QHY
N1GTZ
N8PPF

k4awo@juno.com
arrion@scorchedearthworks.com
emike@mccardel.net
mjdeane@ecr.net

dan.crowthers@ecr.net
lhelzer1@knox.net
hrush@arrl.net

phockenb@knox.net

bobmcbride@earthlink.net

19. Connie Butz KC8DLG
20. Jeff Butz N8SMT
21. Don Russell WA8YRS
22. Danille Jenkins KG8FP
23. Don P. Henderson KA8LIZ
24. Shawn Probst KD8ACA

Minutes December 15, 2004 Monthly Meeting

Meeting called to order at 7:15 pm local time.

Treasury Report: We have money.

Old News:

Issue 1: The ARES/RACES Id cards completed to date have been handed out. The balance of the pictures will be taken during the January monthly meeting.

Issue 2: The club collected money for a Thanksgiving dinner last month but no family was selected. The money will go toward a Christmas dinner for a needy family instead. Those wishing to contribute please see Ruben, KB2SAI.

New News:

Issue 1: Bob, N8QPM, has arranged a Skywarn training session again this year. It is to be at the April 11th monthly meeting starting at 6:30 pm local time. For more information please go to <<http://www.IMOSkywarn.org>>

Issue 2: The idea of an Official Club Membership Card was discussed. It would be laminated and all. The idea was received favorably.

Issue 3: Big Brothers, Big Sisters building alternatives were discussed. Use of the New Hope building would require us to change meeting night from Monday to the next available slot. The library and Inn at Hillingdale are also being considered.

Meeting adjourned at 7:40 pm

There was no 50/50 drawing. (I forgot the tickets!)

REPEATERS AND STUFF
BY DON RUSSELL, WA8YRS

I think everyone will agree that this Christmas weekend was a Christmas to be remembered for a long time. Personally, I have been without power for five days now. Maybe today will be the day! If it was not for my little 2200 watt generator, things would have really been tough. I am sure many of you had it much worse than I did. Since this is the second time that my power has been out for more than two days at a time, Darlene (my XYL) and I will be getting a bigger generator and a transfer switch installed in the near future. That will make it a bit easier on the old nerves.

On the bright side, our repeater performed perfectly and allowed our ham community to keep in touch with each other. The repeater site lost power on Thursday, December 23 at 6:45 A.M. and was on battery backup until 9:30 P.M. Sunday, December 26. Barry (N8PPF) and I had figured the battery to be good for 24 to 36 hours.

We way underestimated that! The battery was still going strong after 86 hours! Of course what helped the repeater last so long was that the local hams limited its use to power outage reports and pretty much basic welfare messages. I was very proud of the restraint that local hams showed. At times like this, one needs to conserve our resources and that is exactly what we did. To indicate when the repeater is on battery, the repeater sends the morse code character "B", which is _... , or dah-di-di-dit. All local hams should learn at least this one morse code character so that they know when the repeater is in battery backup mode. Also, at the hourly chime, the repeater will announce that it is in battery mode. Once the commercial power goes out and the repeater is put in battery back up mode, it is not possible to change to a different mode such as the PL mode, weather mode, or net mode. Simply use the repeater for these purposes "as is". Why is this? There needs to be a way to determine when commercial power comes back on. The only sure way is to lock the repeater into battery backup mode until commercial power comes on.

The UHF repeater was only down for about 12 hours. It does not have battery backup, so when Barry lost power the repeater went down. Hams that can get on this repeater should make more use of it, especially when the 2-meter repeater is busy or on battery back up. If the UHF repeater is up, it has commercial power and we can rag chew all we want. Feel free to check out this repeater. It is on 444.750 Mhz. (+).

Another bit of good news is that the "ham spirit" is alive and well. My brother in law and sister were in desperate need of a generator, as were probably hundreds of others. The one generator he had a chance to buy was gone before he got there, and I think the price was a bit inflated. I mentioned the problem on the repeater and Dick (WD8QHY) had just gotten his power back on and given back the generator he had borrowed from Dave (W8DEP). One call to Dave was all it took. Dave even delivered the generator and supplied 6 gallons of gas. Maybe the power company should be more like Dave (hi hi). Anyways, a big serious "Thank You" goes out to Dave and Dick. The power came in handy as my Nephew lost power at his house and spent the night with his wife and five month old baby at my brother in law and sisters house.

I am thinking about arranging a program for meeting night every other month. I will not promise that this will happen, but I would like to try. Since Bob (N8QPM) has already scheduled April for Sky Warn Training, I thought I might do something for the February meeting. I am thinking about a little program on how to use a computer sound card for the popular digital modes. If I get the time to prepare this, I will let members know in the February Newsletter. If anyone knows someone that likes to do programs, especially related to ham radio; or if you would like to do one yourself, let me know.

See you next month.

Vacuum Tube Daze

A tongue-in-cheek look at the days when tubes ruled.

By Phillip Buble, N1GTZ

Episode 6: Time to warm up the furniture.

Now I'm really about to show my age. Radio sets have not been constructed as chest high furniture since before I was born so I cannot in all fairness claim to be of that generation. However such sets survived into my youth so I have seen them in regular operation. Those things were huge and moving them required 2 strong men. In the case of television the idea of making them look like fine furniture hung on much longer and even my transistorized 1983 Heathkit color TV carried on this tradition in style. Moving wooden color sets constructed in the 50's,



however, required 2 strong men and a small boy.

Despite the latest 50's retro trend nowadays the attitude toward home electronics has changed and usually no attempt to hide their existence behind closed cabinet doors is made. Plain black plastic cases are the norm and with the advent of flat screen even the pretense of woodgrain plastic is completely gone as these sets are nearly 100% screen with not much else to be seen except speakers. Hang it on a wall as bold as brass.

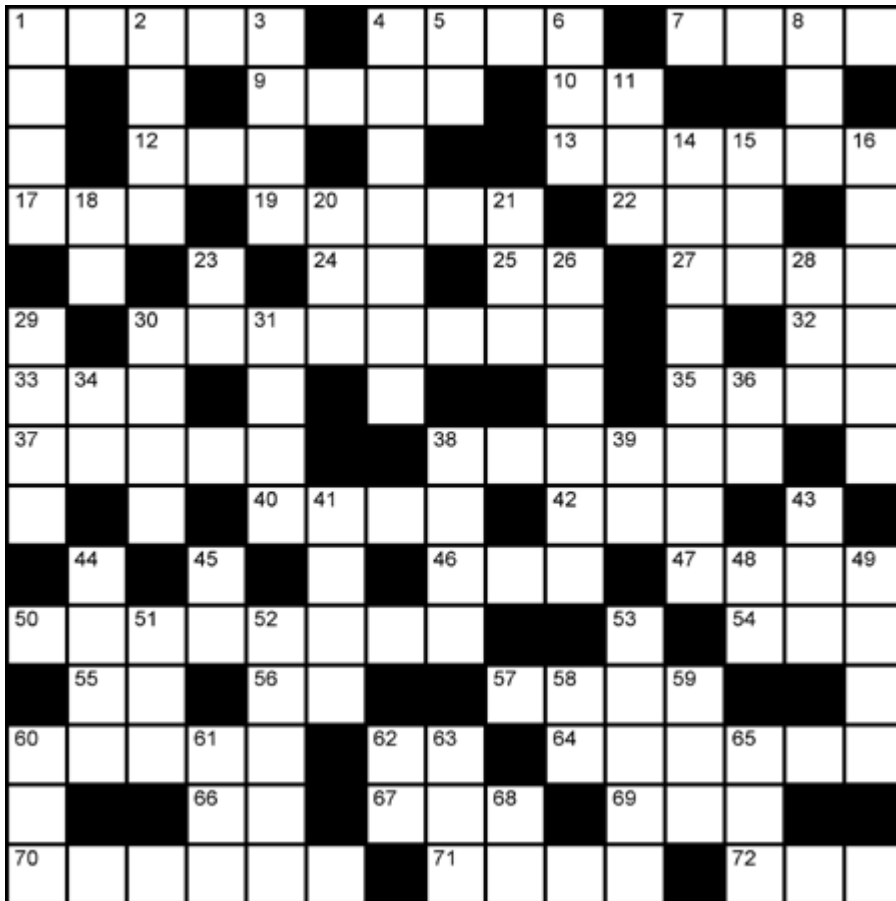
It's interesting to project this trend into the future. Instead of black plastic the cases could be made clear making a fashion statement of the raw electronics themselves. Naked electronics. Sorry, this to me is a horror of an idea, I like at least the pretense of woodgrain. More than likely what will happen instead is exactly what was projected in the 1936 movie "Things to Come." The electronics, even the speakers, will all become part of the screen itself, thin as glass and looking all the world like a plate of clear glass until it was turned on. This was projected to happen by 2036 and we're right on track. Amazing prediction given the size and state of television electronics back in 1936.

The End.

MVARC 2005 Paid-up Membership List

Name	Callsign	License Class	Name	Callsign	License Class
Emily Bain	KC8YAE	T	Danielle Jenkins	KG8FP	A
Bob Bruff	N8PCE	E	Bob McBride	N8QPM	T
Phillip Buble	N1GTZ	A	Michael McCardel	KC8YLD	E
Don Bunner	KB8QPO	T	Zachary McCardel	KC8YLE	T
Barry Butz	N8PPF	T	Carl Orndorf	N8QHT	T
Jeff Butz	N8SMT	G	Shawn Probst	KD8ACA	T
Ruben Clark	KB2SAI	T	Dave Rankin	K4AWO	E
Dan Crowthers	KB8TEX	T	Van Ross	KB8ORU	P
Michael Deane	KC8JEZ	T	Harold Rush	AB8BI	E
Steve Dick	KC8YED	T	Louise Rush		
George Ferri	W8VXO	G	Don Russell	WA8YRS	E
Keith Frank	W8JZR	E	Ora E. Smith	W9DJ	E
Robert Grandstaff	W8TEP	E	Bruce Snow	WY8G	E
Barbara Grosjean	N8QH Y	G	Bill Waits	N8OGX	G
Larry Helzer	AA8WP	E	Jerry Walker	KB8JAA	G
Don Henderson	KA8LIZ	G	Mark Whisler	KC8JJX	T
Charlene Householder	N8RPZ	P			
Dick Huggins	WD8QH Y	T	Tuesday, December 21, 2004		

On the Road Again!



By H. Ward Silver, N0AX
December 4, 2004

Across

1. An antenna driver
4. Mishandle or mess up
7. Used to fill the tank
9. A poor spot for radio
10. Stalling for time
12. A French friend
13. Where the vehicle stays
17. An attenuator
19. Repair
22. Slang for a million
24. Light (abbr.)
25. Coax connector prefix
27. Positive

Down

1. Propagation hop
2. Where mobiles operate
3. Long, flexible antenna
4. Rapid volume or strength variation
5. Add these two letters to change "crack" into a noise
6. On the windshield
8. Type of mount
11. What we are
14. Signal relayer
15. Height in the air
16. Fake or substitute
18. While or in the manner of
20. Every bit

30. Combines two bands
32. Assists the teacher (abbr.)
33. Assigns prefixes
35. Account (abbr.)
37. Insulating material
38. Desirable lines
40. Round antenna
42. Add to Viking and get a tuner
46. Independent (abbr.)
47. Best spot for a mobile antenna
50. Separates the passenger and engine compartments
54. Impedance matcher (abbr.)
55. ARES team leader (abbr.)
56. Gain antenna manufacturer
57. Runs the alternator
60. Causes interference from paths
62. Computer (abbr.)
64. Hit a bump
66. Powered
67. On the floor of the vehicle
69. Grow older
70. At each end of the vehicle
71. Oxidization of steel
72. No meters like these meters
21. Color
23. Original country of S5, 9A, T9, and Z3 (prefix)
26. Common
28. World time (abbr.)
29. Opposite of 9 Across, best spot for radio
30. Two-band antenna
31. If the engine won't run
34. Central African Republic (prefix)
36. Small Canadian DX entity prefix
38. Loads the antenna
39. Abbreviation for both city and state
41. To leave or go
43. Energized
44. In the absence of
45. From (CW abbr.)
48. Country of Macchu Piccu (prefix)
49. Protective component
51. Three basic types of components (abbr.)
52. Caused by the alternator
53. Charge to maintain voltage
58. Separated by San Francisco Bay from SF section
59. Pull
60. Large unruly group
61. The peak
62. Afternoon (abbr.)
63. Passenger vehicle
65. Organized on-the-air group
68. Thanks! (CW abbr.)

Solution to last month's puzzle.

1	D	I	P	O	L	E		5	C	Q		7	M	U	F		10	H	
		11	C	O	W			12	F	L	U	X		14	F	A	C	E	
15	S	O	L	A	R			I		16	I	E		17	E	D		R	
18	S	M	A				19	X	L		E		20	G	R	E	A	T	
N		21	R	E	F	R	A	C	T	23	S					D		Z	
	24	B		C		25	A	M			26	P	E	P		29	B		
30	E	L		31	L	A	Y	E	R		33	C	Y	C	34	L	E	S	
35	M	A	G	I	C			N		36	H		E		37	A	L		
38	E	C		P		39	S	T	40	O	R	M		42	S	P	O	T	
		K		43	S	E	C		45	P	D	A		K		W			
46	F	O	R	E	C	A	S	T		47	S	A	Y	S		48	O		
		U			49	L	T		50	I	S	S		W		52	A	P	
53	S	T	54	A	R		55	T	56	E	M	P		57	F	A	I	N	T
C			N		58	M	E	N	U				59	R	V		60	T	I
61	M	E	T	E	O	R			62	M	A	G	N	E	T	I	C		

A Pause For Thought

Why should he think me cruel
 Or that he is betrayed?
 I'd have him love the thing that was
 Before the world was made.

W. B. Yeats, "A Woman Young and Old"

=====
Membership Form

Club dues run from Jan. 1 until Dec. 31 and are collected during the last quarter of the year. You can mail in the dues to the address below or bring them to a meeting.

Dues Schedule:

\$20 regular

\$10 for second member in the same family

\$10 for over 65 yrs. of age

\$15 for those living outside Knox County

Mt. Vernon Amateur Radio Club

P.O. Box 372

Mt. Vernon, OH 43050

Name_____ Call-Sign_____

Street_____

City_____ State_____ Zip Code_____

Phone Number_____ License Class_____

ARRL Member (Y/N)_____ E-Mail_____

Extra Donation (Optional)_____

Members are entitled to a free MVARC E-Mail address. Would you like one?

No_____ Yes_____

If yes please enter password_____

Other Comments

Classifieds

Only Need to Ask, Inc
24 South Clayton Street
Centerburg, Ohio 43011

740-625-6659
740-625-6649 fax

onlyneedtoask@core.com

2way radio Sales & Service

NEXTEL®

AUTHORIZED REPRESENTATIVE

Your total communication shop.

Nextel authorized representative

Special right now, Free Phone and Free car charger with every NEW activation of 2years.

Stuff I need to sell.

I have all this stuff at my house.

I would like to sell this and all you need to do is make a good offer.

E-mail me at bruff13@yahoo.com or call 397-3555 or cell 358-1169

Mirage D3010 430Mhz. Power amp for Satellite station

Yeasu Ft-736R satellite radio

Yeasu desk mic

2 Motorola extension speakers

Kenwood extension speaker

Kenwood TM241a 2 meter mobile

Kenwood TS440SAT HF radio with antenna tuner

Kenwood MC-60 Desk Mic

Kantronics Kamplus TNC

Old 386 computer and monitor for packet station

Quantum Ham Battery

Radio Shack frequency counter

MFJ swr analyzer for 440 Mhz

There are owners manuals for about all this stuff.

I have a lot of stuff so if you are looking for something just ask

Bob Burff

N8PCE

Yaesu FT-901-DM All Mode, SSB, AM, FM Transceiver 160 through 10M, use as stand alone fixed, mobile operation or exciter for linear amplifier and

Yaesu SP-901-P Combination matching speaker with built in phone patch.

\$350.00

Dentron MLA-2500 Full 2KW Linear Amplifier all bands 160 through 10M. Factory installed 10M band came with original purchase just before FCC made it illegal to sell linear amplifiers in the US covering 10 meters.

\$450.00

Matching Dentron 3000A all band combination antenna matching network and SWR Bridge with Dual Large Face Meters, 160 through 10M. Rated for full 2KW SSB input.

\$140.00

This equipment is fully operational, cosmetically like new, no modifications and includes all manuals. I am the original owner and purchased this equipment new.

Rhon 50ft Tower with commercial tower climbing safety belt. Good condition.

\$50.00

Wilson 6 element triband beam (20, 15, 10M) in reasonably fair condition including a complete set of brand new element loading coils.

\$30.00

Cornell Dublier model H-IV-CD-45 Controller and Heavy Duty Rotor with brake. Reasonably fair condition.

\$30.00

If all equipment is purchased together I will sell for a reduced price.

Bruce Anderson W1VOT
112 Academy Ct.
Gahanna, OH 43230
Phone: 614-471-3899, Cell 614-208-6487
Email: Anderson.309@osu.edu