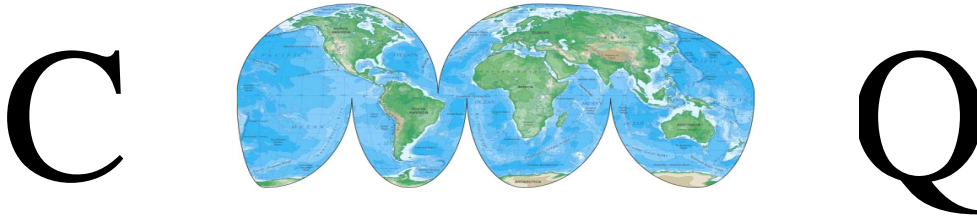


# MOUNT VERNON AMATEUR RADIO CLUB



July 2007 Newsletter

MEETINGS SECOND MONDAY OF THE MONTH AT THE RED CROSS ANNEX BUILDING,  
300 N MULBERRY ST, MT. VERNON, OHIO  
REPEATER FREQUENCIES: 146.790 (-) K8EEN /R 444.750 (+) KC8YED /R 53.790 (-) WA8YRS/R  
\*\*\*SUNDAY NIGHT ARES NET AT 8:00 P.M. ON THE K8EEN REPEATER OPEN TO ALL\*\*\*

## Notes from the Editor By Don Russell, WA8YRS

Fellow Club members: This issue of the Newsletter contains the Clubs Field Day results and many pictures of the event. I hope you enjoy the articles.

Barry, N8PPF, has sent me some more "Ham History" articles, and Jeff, N8SMT, has sent me the minutes from the May meeting. These are included in this addition.

I have also put in the clubs current members listing. This is something I have been meaning to do. Now is the time.

Actually, this has turned out to be a pretty nice Newsletter.

Here are some web pages members may wish to check out:

<http://www.bloomington.in.us/~wh2t/ant.htm>

[http://www.meted.ucar.edu/topics\\_spacewx.php](http://www.meted.ucar.edu/topics_spacewx.php)

<http://www.cebik.com/radio.html>

<http://earlyradiohistory.us/>

<http://www.hfradio.net/>

<http://www.k1ttt.net/technote/k2trstub.html>

<http://www.wvc.edu/frohro/Airport/Primestar/Primestar.html>

<http://members.aol.com/k5oe/quagi.htm>

<http://members.aol.com/k5oe/tpm.htm>

There seems to be some interest in satellites, so I included a couple of links to antennas for satellites even though I know they have been in previous newsletters. These links should keep one busy till next month.

Enjoy the Newsletter.

## HAM HISTORY

By Barry Butz, N8PPF

Credit for this article goes to: International  
Electrotechnical Commission (IEC)

<http://www.iec.ch/100years/techline/>

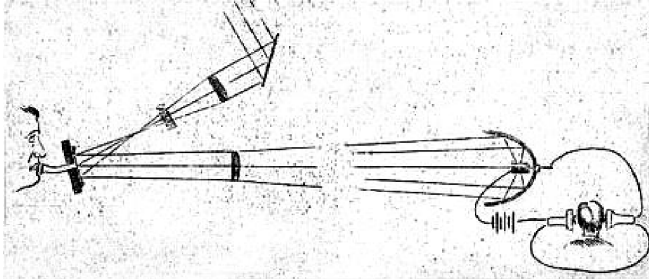
Alexander Graham Bell (1847-1922) is, of course, most well known for his development of the telephone. His name has become part of the names of numerous telephone companies of today. What is not well known is that he invented a means of wireless communication long before radio.

This Scottish-born inventor developed an interest in human speech and its disabilities from his father and grandfather, both of whom specialized in elocution and speech therapy. From 1867 to 1870 Bell assisted his father in London, studying physiology and anatomy to become especially adept at instructing deaf people. During this period Bell started to experiment on analogs for human speech, trying Hermann von Helmholtz's experiments to show that an electric tuning fork could produce vowel-like sounds. These inspired Bell with an idea to which he would later return: use a vibrating apparatus to transmit messages composed of several different frequencies along a telegraph line.

After the Bell family emigrated to North America, Alexander was appointed professor of vocal physiology

and elocution at Boston University in 1873. Bell worked with his assistant, Thomas Watson, to improve upon Philip Reis's original but impracticable 1861 membrane 'telephone' and produce a form that could actually transmit intelligible speech. On March 10, 1876 Watson distinctly heard Bell's voice say: 'Mr. Watson, come here. I want you' reputedly after the professor had spilled acid on himself. They finally accomplished full two-way communication on June 25 using Bell's membrane transmitter and receiver. Bell's two patents of 1876 and 1877, surviving all attempts to challenge them, became fundamental to the telephone industry that rapidly developed thereafter.

From 1880 Bell worked on many other inventions, including phonographs, airplanes, hydrofoil boats, air conditioning, energy recycling, iron lungs as well as techniques of enhancing longevity. He was, however, most proud of the photophone that he developed with Charles Sumner Tainter: a device that would use light beams rather than wires to transmit speech signals.



Although eclipsed in transmission range by radio, Bell regarded the photophone as his greatest invention. Its use of selenium's photoconductive properties was certainly original, and it has been suggested that the photophone was a progenitor of lasers and fiber optics.



HOWARD LEARNS THE HARD WAY TO ADOPT A LESS LITERAL INTERPRETATION OF THE TERM "BOAT ANCHOR."

# MVARC

Mt. Vernon Amateur Radio Club  
Minutes for the April 9, 2007 Meeting.



By Jeff Butz, N8SMT

## Attendees:

Zack McCardel	KC8YLE
Barry Butz	N8PPF
Larry Helzer, DVM	AA8WP
Don Bunner	KB8QPO
Don Russell	WA8YRS
Emily Bain	KC8YAE
Ruben Clark	KB2SAI
Dick Huggins	WD8QHY
Mike McCardel	KC8YLD
Jeff Butz	N8SMT
Robert McBride Sr.	N8QPM

President Mike McCardel, KC8YLD, called the meeting to order at 7:10 P.M.

## Treasurer's Report: Barry Butz, N8PPF

Recent Transactions: \$10 in for dues, \$17 out for payment 10 dollars from the 50/50 drawing and an additional \$12 from Emily Bain for dues.

\$ 632.88	Savings
\$ 322.55	Checking
\$1211.18	CD
\$2165.61	Grand Total

Its time to pay the club insurance to ARRL they want an ARRL member number. It was decided to use Don Russell's since he is the repeater trustee. The Insurance Premium is \$75.00. A motion for payment was put forward and it was approved.

## EC Report: Ruben Clark, KB2SAI

Ruben attended the Ohio Section Conference in Columbus. It was interesting and informative. They talked about APRS and Winlink 2000, the Emergency Communications backbone. They want it everywhere. Therefore we will have to investigate the program. He brought ARES application forms to the meeting tonight for anyone who would like to fill one out.

Thanks everyone for running the Sunday night nets. Especially Don and Mike.

### **Pizza Hut Report: Dick Huggins, WD8QHY**

Dick reported it has been doing pretty good. They have had anywhere from 4 to 15 people attend.

### **Repeater Report: Don Russell, WA8YRS**

It appears the 2-meter repeater does has a problem. Don doesn't believe it is the repeater because when the transmit quality is down the receive quality is also down. He believes the problem is somewhere between the duplexer and the antenna. It might be the phasing harness. Don will have to investigate.

### **Earth Day Marathon: Mike McCardel, KC8YLD**

Mike thought we did a pretty good job especially considering the short notice. A couple of points of improvements for next year are better antennas, possibly TV wire J-poles and a better knowledge of Knox County geography. Knox County maps are available free from the Knox County Engineer.

### **APRS: Zack McCardel**

Zack has an APRS repeater up and running full time now on 144.39. Please feel free to use it.

### **Field Day Report: Doc Helzer, AA8WP**

Field Day will be here at the Red Cross,

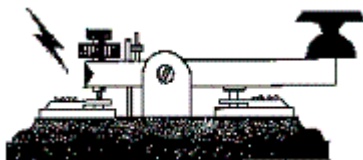
### **Old Business:**

Doc requested a list of all the Hams in the area so he can send them Field Day Post Cards. Mike and Barry said they would provide him with a list.

### **New Business:**

Don Russell reported that Dan Hackerman approached him; He is active with the local scouts. He would like to have a Ham Radio demonstration this Saturday at the fairgrounds. Don Russell said he would handle this and Mike McCardel is willing to help.

The meeting was adjourned at 8:07 P.M.



# **ARRL FIELD DAY 2007**

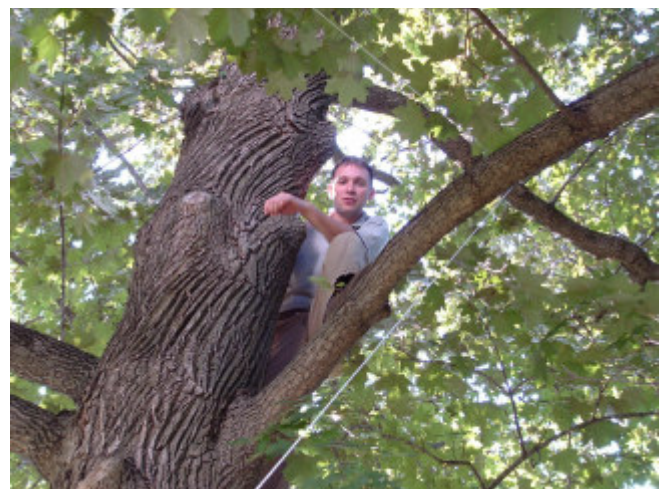
**By Don Russell, WA8YRS**

The Mt. Vernon Amateur Radio Club held this years ARRL Field Day at the Knox County American Red Cross EOC. In this first picture you see from left to right: Don Russell, WA8YRS, Don Blizzard, W8UMP, shooting an arrow for one of our antennas, Barry Butz, N8PPF, and Mike McCardel, KC8YLD.

The fun started promptly at 1800 hours local time as antennas were set up, making the property look like a Military Communications Center. Okay, I exaggerate!



First antenna to go up was the 75 and 40 meter dipole. This antenna is actually two separate dipoles attached to one feed line and worked very well for us three or four years ago. After experimenting with windom antennas the last two Field Days, it was decided to go back to the standard dipole set up. We were rewarded with an RF free operating position. No RF burns this year! This antenna was put out in front of the main Red Cross



**Ruben Clark, KB2SAI, installs 40 Meter Dipole**

building. The apex was about 40 feet high. One end was again about 40 feet high, while the other end drooped down to maybe 30 feet. One just had the feeling that this antenna was going to do good things.

Then the 20 through 10 meter antenna was put up. This year, I decided that the club would try the dipole that I built for last year's Field Day, but "chickened out" on it. This antenna is made of bamboo cane fishing poles. The center is 3/4 inch plastic water pipe about three feet long. The pipe supported two 15 foot bamboo cane poles for a total length of about 33 feet. Just about right for 20 meters. The antenna was positioned on one of the club's 30 foot masts, and could be turned by hand to a favored position. The antenna was then fed with 450 ohm open feed line into an antenna tuner at the operating position.



**Larry Helzer "Doc", AA8WP, and Jim Smith, KI8FN, test out a rig**

While initial testing of this antenna made me a bit nervous, I think the final results were pretty good for the antenna. Final results are located elsewhere in this newsletter.

With the two SSB station antennas taken care of, the team started on the CW station antenna. This was an all band Inverted "L" antenna. It was placed on the 40 foot mast supplied by Jeff Butz, N8SMT. The antenna started at ground level, went up the mast vertically the full length, then went horizontal for another 40 feet or so. Several ground radials were installed.

Initial testing of this antenna was very good, with a 599 RST report with a comment of 20 over S9. In the end though, the antenna did not do as well as hoped, and was eventually replaced by an 80 through 10 doublet just before Dark Saturday night. The doublet performed much better, so take a guess what we are using next year!

Jim Smith, KI8FN, brought his little used Icom Radio to try out, but could not get it to work on the bamboo dipole.

Then we put the club's Kenwood on the antenna, and still could not get full power out. That is what made me a bit nervous about the antenna. Even though I knew things were not tuning up even into a dummy load. Finally, Mike McCardel, KC8YLD, put his rig on the antenna and it worked perfectly. So we used his radio for Field Day on 20-10 meters.

Ruben Clark, KB2SAI, provided the Kenwood TS-430 we used for the 75-40 meter SSB station. Last year we had trouble with the microphone on that rig. I decided it was caused by the unbalanced window antenna. Proper grounding last year probably would have solved that problem though. This year it worked fine. In fact, the SSB ops made a whopping 398 contacts on 75 meters this year!

The CW position was taken care of by my FT-847. Not the best choice for a CW contest station, but it held its own. Considering it has no CW filters installed, and we used the audio filters built into the radio, it did a fine job. Usually, I pretty much run the CW station all by myself. This year, Don Blizzard, W8UMH, joined me, and we had a lot of fun together. I do not believe Don tried any phone contacts. I only made three or four. The rest of our contacts came from CW. Long live Morse Code!



**Don Russell, WA8YRS, doing Morse Code**

Just before Field Day started, Jack Koelbl, N8JQZ, and I put up one more antenna. This was a 40 meter dipole located on the same mast as the 20 meter dipole was. This antenna was actually a backup just in case 20 meter propagation was bad. In such a case, this station would work 40 meter SSB and the 75-40 SSB station would stay on 75 meters. This plan worked to perfection, as 20 meters was very bad for much of Saturday (further making me wonder about that 20 meter dipole).

Things started out very badly for all the positions. There was S6 to S9 noise levels on all the bands. As things settled down, the CW station was way ahead of the two SSB stations for much of Saturday. However, when the

75-40 SSB station switched to 75 meters, things changed. 75 meters was hot all night long and the SSB boys put some distance, contact wise, from the CW men (hee hee). The CW station did out-point the SSB stations though.

If anyone early on would have told me we would break the 900 contact barrier, I would have laughed at them. But the contact total for the weekend was 930 QSO's! Check out contest results elsewhere in this issue.

The groups attempt at making satellite QSO's was unsuccessful. We tried. Using satellite antennas on a tripod provided by Don Russell, WA8YRS, and his trusty Yaesu FT-847, several attempts were made at two different FM birds. Even though this set up worked a few days before FD, we found it much harder to get through when there were so many stations trying to use one FM channel. Maybe next year!

## Field Day at W1AW: "It Was a Blast!"

From the ARRL Letter, June 29, 2007

With the 2007 Field Day now a part of history, it's time to begin planning for 2008. With that in mind, ARRL Regulatory Information Branch Manager and Field Day Coordinator Dan Henderson, N1ND, said, "From the phone calls and e-mails I have received, people all over the country had a great Field Day. It was a blast. Now it's time to get started planning for next year!"



W1AW Station Manager Joe Carcia, NJ1Q, said, "Field Day conditions were weak, but we managed some good contacts, nonetheless. All the W1AW Field Day bulletins were sent without a hitch."

Henderson agreed. "Propagation was not the best up here in New England. But we managed to pull through, and had a lot of fun doing so." W1AW made a total of 804 contacts: 317 on CW, 466 on Phone and 21 on the digital modes; each mode ran at 100 W. Taking into account all the bonus Points available, W1AW's claimed score is 2284. "We ran Field Day as 4F. Since W1AW is an EOC station, we are allowed the 'F' designator. Although we didn't make any satellite contacts, we did demonstrate it to staff and visitors," Carcia said.

W1AW managed to make contacts with 42 of the 50 US states. Unfortunately, operators were not able to make contact with South Dakota, Wyoming, Alaska, Hawaii, New Mexico, Nevada, Oregon or Kansas. "We're okay with that, because at W1AW, we view Field Day as more of a teaching, or educational, experience. There are times where we are not operating, or not operating that

much, because we are showing new or prospective hams what Amateur Radio is all about," Carcia said.

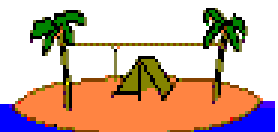
Carcia noted that just as during regular W1AW operating hours, visitors were "more than welcome" to come by W1AW on Field Day. "We had one visitor from Hawaii. He and his family were in Connecticut on family business, and he operated pretty much both days. In addition to visitors, we had 11 ARRL HQ staffers show up to both operating and to conduct a VE test session on Saturday," Carcia said. A total of eight people took exams, with six passing.

Carcia said that the W1AW 60 kW diesel generator suffered "some nastiness" the Saturday before Field Day, but was repaired in the days prior to the operating event. "As near as we can tell," Carcia said, "lightning struck a power line a street over, inducing voltage in the line. We are guessing the induced voltage arced across from the neutral side in the transfer switch and 'whacked' the solenoid coil and control board in the transfer switch. We think this only because the coil is about an inch away from neutral buss." The generator story, as well as pictures from W1AW's Field Day, are on the ARRL Field Day Web blog

<http://www.arrl.org/blog/Field%20Day%202007>.

Post your Field Day experiences on the Field Day Soapbox

[http://www.arrl.org/contests/soapbox/?con\\_id=133](http://www.arrl.org/contests/soapbox/?con_id=133).



Someone's Field Day, Somewhere?



## ARRL Field Day

1. Field Day Call Used: K8EEN
2. Club or Group Name: Mt. Vernon Amateur Radio Club
3. Number of Participants: 12
4. Number of transmitters in simultaneous operation: 3
5. Entry Class: Check only one. F (Station at an Emergency Operations Center)
6. Check All power sources used. Generator, Commercial Mains, Battery
7. ARRL / RAC Section: OH
8. Total CW QSO's: 355 X 2 = Total CW QSO points: 710
9. Total Digital QSO's: 0 X 2 = Total Digital QSO points: 0
10. Total Phone QSO's: 575 X 1 = Total Phone QSO points: 575
11. Total QSO points: 1285
12. Power Multiplier: X 150 Watts or less = 2
13. Power Multiplier: 2
14. Claimed Score: 2570

15. Bonus points claimed:

- X 100% Emergency power: 300
- X Media Publicity: 100
- X Set-up in Public Place: 100
- X Information Booth: 100
- X NTS message to ARRL SM/SEC: 100
- X W1AW Field Day Message: 100
- X Formal NTS messages handled (#): 100
- Satellite QSO completed
- Natural Power QSO's Completed
- Site Visited by invited officials
- GOTA maximum QSO's achieved
- Non-Traditional mode:
- Youth Participation (#)
- X Web Field Day Submission: 50

Total Bonus Points Claimed: 950  
**Total Claimed Score: 3520**

	CW		Digital		Phone	
	QSO	Power	QSO	Power	QSO	Power
160	0	100	0	150	0	100
80	106	100	0	150	398	100
40	192	100	0	150	96	100
20	50	100	0	150	72	100
15	7	100	0	150	9	100
10	0	100	0	150	0	100
6	0	100	0	150	0	100
2	0	100	0	150	0	100
1.25	0	100	0	150	0	100
70	0	100	0	150	0	100
33	0	100	0	150	0	100
23	0	100	0	150	0	100
GOTA	0	100	0	150	0	100
Totals	355	CW	0	Dig	575	100

Additional information provided by Mike, KC8YLD:

<u>BAND</u>	<u>MODE</u>	<u>CONTACTS</u>
15	CW	7
15	SSB	9
20	CW	50
20	SSB	71
40	CW	192
40	SSB	97
80	CW	106
75	SSB	398

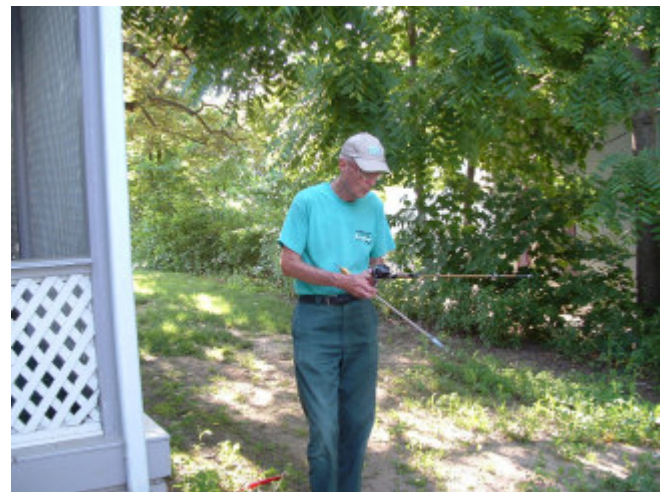
TOTAL CONTACTS PER HOUR = 38.75

**GREAT FIELD DAY!**

**FD PHOTO GALLERY**



**Don Bunner, KB8QPO**



**Don Blizzard, W8UMH**



**Don Russell, WA8YRS, Don Bunner, KB8QPO, and Bary Butz, N8PPF**



**Information Booth**



**Jeff Butz, N8SMT**



**Field Day Generator**



**Larry "Doc" Heltzer, AA8WP. In the background: WA8YRS, KB8QPO**



**Jack Koelbe, N8JZQ**



**The 9 inch ruler. Only true way to cut a dipole!**



**Newsletter Credits**  
**Editor: Don Russell, WA8YRS**

**Clip Art and Cartoons** thanks to [http://wm8c1.50megs.com/radio\\_clip\\_art.htm](http://wm8c1.50megs.com/radio_clip_art.htm), <http://www.qsl.net/k4adl/>, [http://pages.prodigy.net/kg0zz/clipart/ham\\_art3.htm](http://pages.prodigy.net/kg0zz/clipart/ham_art3.htm), <http://www.arrl.org/>,

**The ARRL letter** is a weekly e-mail publication by the ARRL. You may read the entire ARRL letter by visiting the ARRL Web page at <http://www.arrl.org/>. **Other News** from: <http://ky4ky.com/fyi.htm>.

**The ARES E-Letter** is an e-mail digest of news and information of interest to active members of the ARRL Amateur Radio Emergency Service (ARES). Past issues of The ARES E-Letter are available at <http://www.arrl.org/ares-el/>. Issues are posted to this page after publication.

**Project OSCAR** is a monthly column written for Newsletter Editors. Columns will appear as space permits. You may download all the columns yourself at: <http://www.projectoscar.net/beacon.php>

Members are encouraged to send articles pertaining to ham radio, with an emphasis on local activities, equipment reviews, and personal experience to [wa8yrs@arrl.net](mailto:wa8yrs@arrl.net) or Don Russell, WA8YRS, 815 Brookwood Road, Mt. Vernon, Ohio 43050

**Mt. Vernon ARC Officers**

<b>President: Mike McCardel, KC8YLD</b>	<a href="mailto:kc8yld@arrl.net">kc8yld@arrl.net</a>	<b>Phone: 740-599-6614</b>
<b>Vice President: Don Russell, WA8YRS</b>	<a href="mailto:Wa8yrs@arrl.net">Wa8yrs@arrl.net</a>	<b>Phone: 740-397-0249</b>
<b>Secretary: Jeff Butz, N8SM</b>	<a href="mailto:Jaylynn@copper.net">Jaylynn@copper.net</a>	<b>Phone: 740-965-9368</b>
<b>Treasurer: Barry Butz, N8PPF</b>	<a href="mailto:n8ppf@mvarc.net">n8ppf@mvarc.net</a>	<b>Phone: 740-397-7540</b>

**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 are prorated for new members at the time of application. Visit our Web Page at [www.mvarc.net](http://www.mvarc.net)

Dues Schedule: \$12 regular

\$10 for second member in the same family, for those over 65 yrs. of age, and 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:

Mt. Vernon ARC 2007 Members

Last Name	First Name	Call	Class	Address	City	State	Zip	Phone	Email
Bain	Emily	KC8YAE	T	714 Coshocton Ave.	Mt. Vernon	OH	43050-1970	740-397-8035	kc8yae@arri.net
Berger	Charles	KD8FMI	E	9295 Stickle Road	St. Louisville	OH	43071	740-745-3458	chaz00@aoltel.net
Blizzard	Don	W8UMIH	T	14121 Old Mansfield Rd	Mt. Vernon	OH	43050	740-392-9753	w8umth@yahoo.com
Bradford	Arlin	KD8EVR	T	8939 Grove Church Rd.	Gambler	OH	43022	740-427-2440	arlinb@vasucom.com
Bruff	Bob	N8PCE	E	25 Cleveland Ave.	Mt. Vernon	OH	43050-9402	740-358-1169	bruff13@yahoo.com
Bunner	Don	KB8QPO	T	11751 Mill Street	Howard	OH	43028-9712	740-599-7799	donb50@embarqmail.com
Butz	Barry	N8PPF	T	977 Everview Drive	Mt. Vernon	OH	43050-9574	740-397-7540	n8ppf@mvarc.net
Butz	Jeff	N8SMT	G	3624 Creek Rd.	Sunbury	OH	43074-9707	740-965-9368	jaylynn@copper.net
Cardwell	Wes	KB8WCU	T	P.O. Box 517	Bellville	OH	44813-0517	419-883-2233	w8pmj@mvarc.net
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Chandler	James	KB8YAA	T	1015 Harcourt Rd.	Mt. Vernon	OH	43050	740-392-4259	kb2sai@mvarc.net
Clark	Ruben	KB2SAI	T	407 6th Ave.	Mt. Vernon	OH	43050-3903	740-326-4154	dcrowthers@earthlink.net
Crowthers	Dan	KB8TEX	T	80 Appleseed Court	Howard	OH	43028-9403	740-397-1769	mjdeane@ecr.net
Deane	Michael	KC8JEZ	G	21081 North Liberty Rd.	Butler	OH	44822	740-694-5373	stephen.dick@core.com
Dick	Steve	KC8YED	T	7452 New Delaware Rd	Mt. Vernon	OH	43050-9100	740-397-3083	rjfox01@yahoo.com
Ferri	George	W8VXO	G	533 Highland Hills Dr.	Howard	OH	43028-9400	740-694-9060	aa8wplarry@yahoo.com
Fox	Rudy	KE4SJC	T	19064 Love Rd.	Fredericktown	OH	43019	740-694-9060	hockonensky@yahoo.com
Helzer	Larry	AA8WP	E	8757 Martinsburg Rd.	Mt. Vernon	OH	43080	740-892-2291	rdhsch@ezlinknet.com
Henderson	Don	KA8LIZ	G	20901 Clutter Rd.	Utica	OH	43080	740-392-7301	n8iqz@arri.net
Hockenberry	Peggy	KB8QPP	T	11580 Endsley Rd.	Howard	OH	43028-9766	740-393-0970	bobmcbrides@earthlink.net
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McCardel	Michael	KC8YLD	E	23449 Bear Run Rd.	Danville	OH	43014	740-397-4516	dominic_sl@yahoo.com
McCardel	Zachary	KC8YLE	E	21544 Schenck Creek Rd	Howard	OH	43028	740-392-0944	wa8yrs@arri.net
Morgan	Marty	KD8FBA	T	9770 New Delaware Rd.	Mt. Vernon	OH	43050	740-893-4181	ts2000@ezlinknet.com
Nogaj	John	KD8EVP	T	8736 Woodhaven Rd.	Johnstown	OH	43031	740-397-0249	orasmith@earthlink.net
Nogaj	Marcus	KD8EVP	T	8736 Woodhaven Rd.	Johnstown	OH	43031	740-397-0249	wy8gg@redbird.net
Paazig	Earl	N8KBR	E	10660 Black Run Rd	Frazesburg	OH	43822-9771	740-397-9393	
Pelaketyage	Gaminie	KD8EVU	T	4 McGibney Rd Apt G-5	Mt. Vernon	OH	43050	740-362-2544	
Phillips	David	W8DEP	E	14200 Fred-Amity Rd., Box 94	Fredericktown	OH	43019-0094	419-362-2544	
Probst	Shawn	KD8ACA	E	537 Crestmonte Dr.	Howard	OH	43028	419-883-2361	
Ross	Van	KB8ORU	P	160 N. Main St.	Howard	OH	43028	740-392-0944	
Russell	Don	WA8YRS	E	815 Brookwood Road	Croton	OH	43013-9744	740-397-0249	
Seymour	Steve	KC8IKF	T	7659 Rangeline Rd.	Mt. Vernon	OH	43050-9057	740-397-9393	
Smith	Ora E.	W9DJ	E	8237 Ransom Rd.	Mt. Vernon	OH	43050-9389	740-397-9393	
Snow	Bruce	WY8G	E	6771 Co. Rd. 56&#54; Rt. 2	Mt. Gilead	OH	43338-9657	419-362-2544	
Waits	Bill	N8OGX	G	3243 St. Rt. 97E	Butler	OH	44822-8902	419-883-2361	
Walker	Jerry	KB8JAA	G	14322 Becky Lane	Mt. Vernon	OH	43050-8731	740-397-6421	
Warner	Kelly	N8NMQ	P	10467 Yankee Street	Fredericktown	OH	43019	740-694-2366	
Whisler	Mark	KC8JUX	T	3980 Bellville North Rd.	Bellville	OH	44813	419-886-2898	