



BIG RAPIDS AREA AMATEUR RADIO CLUB NEWSLETTER

SEPTEMBER 2003 OCTOBER



ELECTION OF CLUB OFFICERS FOR 2003/2004

The club elections were held at the September meeting and the results were:

President: Tim Stoecklein KC0MDC left photo; Vice President: Dale Colby WD8AUL middle photo;



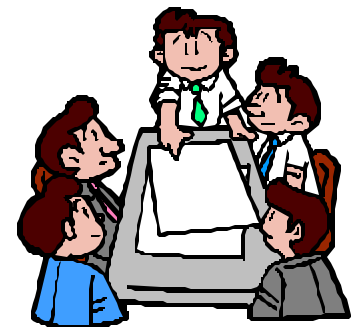
Secretary: Jim Orłowski N8PUG right photo; Treasurer: Sue Behler KC8IFP lower left photo.

It will be a busy year ahead and our new officers will need your support and encouragement to keep the club moving ahead with the many fun projects and community activities as in the past. Remember, leaders can be only as effective as the backup they receive from the membership.

KNOW OUR BOARD OF DIRECTORS

Our club Board of Directors consists of the elected officers and committee chairpersons listed below. If you wish to become more involved in one of these club activity areas or need information concerning them, feel free to contact a chairperson listed below.

- Tim Stoecklein, KC0MDC, President
- Dale Colby, WD8AUL, Vice President, Program Committee Chair
- Jim Orłowski, N8PUG, Secretary
- Sue Behler, KC8IFP, Treasurer
- George Rouman, W8OWN, Newsletter Committee Chair
- Beverly Callewaert, WD8PFC, Emergency Committee Chair
- John McDowell, KC8BAR, Publicity Committee Chair
- Thom Durfee, WI8W, Web Site Committee Chair
- Pete Chesebrough, W8PET, Web Site Committee (local)
- Gary Atteberry, WB8WIA, EC/RO Osceola County
- Tom Behler, KB8TYJ, EC/RO Mecosta County
- Fritz Pins, NI8E, Repeater Committee Chair



RESULTS OF THE PROGRAM SURVEY BY DALE COLBY WD8AUL

19 members were surveyed. 18 agreed programs are of real importance to them. 17 asked for a mix of speakers, video tapes. 1 listed only speakers. 10 wanted 30 minute programs, 5 wanted 20 minute programs. 4 wanted however long it takes for the speaker. There were too many good suggestions to list but they will be valuable in future planning. Dale Colby, WD8AUL thanks all who participated and offered so many good ideas. One comment stated that many people came to meetings for the programs and good programs help make the club grow.

ITEMS OF INTEREST YOU MAY WANT TO KNOW ABOUT REGARDING THE CLUB WEBSITE

THOM DURFEE, WI8W



1. I obtained permission from the webmaster at Handi-Hams to include their website as a link on the club website. The link has now been created under the Links Section.
2. The Club Email Address system is now available for use. If you would care to have an email address related to the club you may obtain one by doing the following.

A. Go to the club website at <http://www.braarc.net> and click on the link to obtain a copy of the document on how to use the club email system. Please read the first section so that you know what the rules are in

regards to the use of the email address.

B. If you care to obtain an email address it will be in the format callsign@braarc.net (i.e. wi8w@braarc.net)

C. Send me an email (wi8w@braarc.net) stating that you want an address and tell me what you want for a password. The password can be any alpha-numeric character in upper or lower case but no symbols other than letters or numbers are permitted by the system.

Upon receipt of your request I will create your account and send you an email stating that the account has been created, tested and is now ready for use.

At that point you can use your new account by clicking on the Check your WebMail link on the club website. You will then be prompted for the username and password for your account. The username is your complete email address that was just created and the password will be the one you sent to me in your request. At this point you may choose any of the 3 different mail clients offered on the website by our host. Please try them all and then pick the one you will use for your new account. Please choose a password that only you will know. Do not use passwords such as your callsign, or the word "password". I hope you enjoy using the new system.

Other News:

We also have chat room capability as well as mail list features available for use on the website. Any interest in creating a chat room for the Board for use to discuss club related matters or one for the General Membership to use for real time discussions? How about a BRAARC Mail List?

This edition of the Online Newsletter is now available on the club website at <http://www.braarc.net> thru the newsletter link.

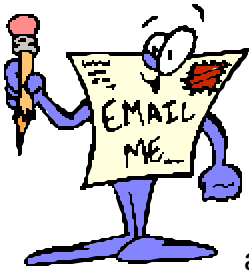
The PDF file is about 950K in size. The file format is for Acrobat Reader which can be obtained through the link on the club website.

If you or anyone you know would be interested in getting the newsletter online, please have them send me an email at (wi8w@braarc.net) and request to be placed on the notification list. If that person is also a club member, have them also send an email to our Newsletter Editor, George, W8OWN at grouman@net-port.com to let him know that they will now get the newsletter via the website and not by a mailed copy. This will help your club save money on printing and postage.

Finally, it appears that with so much information available on the club site (with a lot more to come) that a major site re-design is needed. If you have any interest in helping to design the new site please contact me.

ARRL "Logbook of the World" Goes Live!

This is really significant news from the ARRL and although it takes considerable space in our Newsletter, I believe it to be so important that it deserves everyone's attention. It does seem to be a bit complex for an computer illiterate like me and I wonder how many DX stations have a computer to participate in this process and how many hams are willing to start logging contacts on one. Ed.



Logbook of the World" (LoTW)--the long-awaited QSL-cardless ARRL awards and contact credit system--has officially opened for business. Under development for more than two years, LoTW underwent a successful period of beta testing earlier this year. The system is open to all.

"Although Logbook of the World is a tremendous resource for hams chasing DXCC, VHF/UHF Century Club (VUCC), Worked All States (WAS) and other awards, we hope it will appeal to hams who are not currently active in these awards programs," said ARRL Chief Operating Officer Mark Wilson, K1RO. "The proliferation of logging software has stimulated activity and interest in contesting, and submitting log data and verifying award credits online is a logical next step."

Wilson commended ARRL Web and Software Development Department Manager Jon Bloom, KE3Z, and the other contributors to the project "for their dedication and hard work that made Logbook a reality."

First Things First! Before submitting log data and putting LoTW to use to confirm contact credits, users must download the LoTW software and request a digital certificate that ties the participant's identity to a digital key. This means a stop at the ARRL Logbook of the World Web page <<http://www.arrl.org/lotw>>. Data integrity has been a watchword of the LoTW since the project's conception, and that starts with a digital certificate, something all LoTW users must have. For a digital signature or certificate to be trustworthy, ARRL must first ensure the identity of the person to whom it's issued, and that will involve a combination of on-line filing and good old-fashioned snail mail. "We will need to verify you are who you say you are," ARRL Membership Services Manager Wayne Mills, N7NG, explains. "The security of the entire system depends heavily on the method used for verifying the user's identify." This first step is called authentication. For US amateurs, this process will rely on your mailing address in the FCC database. Users should make sure the FCC has their current mailing address. Amateurs can modify their address online or via US mail by using instructions <<http://wireless.fcc.gov/services/amateur/licensing/changingaddress.html>> available on the FCC Web site. ARRL members may submit license modifications through the ARRL VEC <<http://www.arrl.org/fcc/forms.htm>>.

For non-US amateurs, authentication will rely on other documentation, primarily a copy of the participant's Amateur Radio license and another official identifying document. Mail these copies to ARRL, Logbook of the World Administrator, 225 Main St, Newington, CT 06111 USA. Assuming everything goes smoothly, US licensees requesting a digital certificate soon will receive a postcard in the mail that contains a password. They then should go to the LoTW Web site and enter the password to complete the processing of their certificate request. Instructions for locating the password are on the back of the postcard. The call sign you submit when entering your password must be the same as the one used to request your digital certificate. Once the password has been entered, the digital certificate will be e-mailed within a working day or two.

Non-US stations will receive their digital certificate via e-mail once their documentation has been received at ARRL HQ and authenticated. Participants will be able to use their primary digital certificates to obtain additional certificates necessary to submit log data and obtain award credit for contacts made under formerly held call signs. Everyone who plans to use LoTW first must obtain a digital certificate. There are no exceptions. Any certificates issued during beta testing no longer are valid, and any log data submitted during LoTW testing has been deleted from the system along with those certificates. At the heart of the Logbook of the World concept will be a huge repository of log data provided by operators--from individual DXers and contesters to major DXpeditions--and

maintained by ARRL. Mills says the system will benefit big and little guns alike by providing quick QSO credit for ARRL-sponsored awards--in particular DXCC. It's hoped LoTW eventually will be able to confirm contacts for awards offered by other organizations. The Quick Start Guide to LoTW

In a nutshell, to use LoTW, participants must: * Download the LoTW software. * Submit a request for a digital certificate from ARRL. * After receiving a password, upload your password and associated call sign on the LoTW Web site to receive your digital certificate. * Use that digital certificate to "sign" either Amateur Data Interchange Format (ADIF) or Cabrillo-formatted files. * Submit those digitally signed files to LoTW via e-mail or upload them to the Web site. * Receive a confirmation from LoTW acknowledging receipt of the log data.

It's That Easy! Those who have submitted contest logs via e-mail will find this process to be nearly the same except for the added requirement to sign the log. Once your data have been accepted into LoTW you will be able to visit the LoTW Web site to see your data and any QSOs that have been confirmed via matching data from other stations' log submissions.

Obtaining a digital certificate and uploading log data are free of charge. There will be a per-QSO charge for each contact credit used, but Mills expects it will be much less than the typical costs involved with exchanging paper QSL cards.

When you use an LoTW confirmation for an award credit, the fee will be added to your account and shown in the user's record. The user will be able to pay for these charges on-line using a credit card. Some Important Points

ARRL will not serve as the QSL manager for any station submitting logs to Logbook of the World. "If a contact is not in the log, you will need to work that out with the station involved," Mills said.

An article, "Introducing Logbook of the World," by Wayne Mills, N7NG, appears in the October issue of QST. LoTW eventually will be able to search users' DXCC records and find new credits automatically. The program also will provide full viewing of users' DXCC records, automatically alert users to new awards achieved and offer comprehensive support for many other awards.

Logging software developers can obtain documentation and a Windows DLL library--as well as complete source code for the TQSL software--at the SourceForge Web site <<http://sourceforge.net/projects/trustedqsl/>>.

News and announcements will be posted to the Logbook of the World Web site <<http://www.arrl.org/lotw/>>.

CLUB BREAKFAST/COFFEE KLATCH: 8:30 A.M. OR EARLIER ON SATURDAY SEPTEMBER 27TH. AT THE CHUCKWAGON RESTAURANT ON HIGHWAY 10 JUST EAST OF REED CITY (SOUTH SIDE OF THE ROAD). YOU WILL



KNOW YOU ARE THERE WHEN YOU SEE THE SIGN ALONG THE ROAD AND THE BUILDING IN THE

PICTURE AT THE LEFT. THE FOOD IS GOOD AND IF YOU LIKE TO EAT CINNAMON OR SWEET ROLLS, THEY MUST HAVE THE LARGEST ONES ON THE PLANET! A FEW OF THOSE AT LAST MONTH'S BREAKFAST SHOWN ON THE RIGHT OBVIOUSLY WERE ENJOYING THEMSELVES SO JOIN US AND HAVE GOOD CONVERSATION WITH YOUR BREAKFAST OR COFFEE.



ARES/RACES NEWS, TOM BEHLER, KB8TYJ, MECOSTA COUNTY EC/RO



Our local ARES/RACES group continues to be quite active, and I'd like to take this opportunity to give you a brief update on some of our most recent activities. I'd also like to share some ideas as to what's ahead for the immediate future for our local ARES/RACES program.

One of our most exciting recent events was our Wednesday: August 27th Portable HF field exercise, which was held at North End Park in Big Rapids. The exercise was conducted as part of a summer-long HF field exercise initiative, sponsored by the Michigan ARRL section every Wednesday evening during the spring and summer months. In all, 10 ARES/RACES members participated. They were myself (KB8TYJ), Sue Behler (KC8IFP), Don Macconnel (WA4FRJ), Tim Stoecklein (KC0MDC), Jerry Hemmye

(KC8AW), Mike Foster (KC8PZA), Jerry Buskirk (KC8CII), John McDowell (KC8BAR), Jens Rick (KC8OIV), and Bob Croaker (WB8YPG). With the help of my trusty Icom IC718 hf rig, an LDG AT11MP auto-tuner, a single random-wire antenna plus counterpoise for grounding, and a deep-cycle marine battery to power the entire set-up, we successfully passed a traffic message via the Michigan Traffic Net to Jim Wades, our Section Emergency Coordinator. Band conditions on 75 meters left a lot to be desired, but with some effort, we got the job done. Special thanks go to Bob Croaker for serving as a relay for our traffic, and to Don Macconnel for lugging that heavy deep-cycle battery up my basement stairs! Much was learned from this part of the exercise, including some important information about the clear limitations of fairly short and low single random-wire antennas. Another goal of the evening involved testing the HF and VHF radio gear in BRAARC's club ambulance (or Hambulance as it has come to be known). The Icom 751 and 20-meter mobile vertical did well by allowing us to make contacts with a number of hams in Texas and other parts of the Southern United States. In addition, our Icom 2350 2-meter rig performed flawlessly as we tested its ability to access our local 2-meter repeater from the North End Park field location.

With the advent of September and the approaching Fall season, our thoughts have now turned to the upcoming state-wide Simulated Emergency Test (or SET), which is scheduled for Saturday: October 4 from 9 a.m. - 2 p.m. Toward this end, Bob Croaker (WB8YPG), Sue Behler (KC8IFP), and myself (KB8TYJ) attended a meeting of section Emergency officials, and All District 6 County EC's and Assistant EC's in Grand Rapids on Saturday: September 13. At this meeting, a wealth of information was distributed, and tentative plans for District 6's participation in the upcoming SET exercise were presented. In short, the basic goal of this year's SET exercise appears to be assessing the ability of our district's ARES/RACES members to respond to a very large and widespread weather-related disaster in the Grand Rapids area. We have been asked to recruit a number of volunteers to travel to Grand Rapids in order to provide communications assistance for this simulated emergency situation. Although the window of opportunity for recruiting volunteers from our area to participate in the large-scale Grand Rapids exercise likely will have passed by the time you get this news letter, help from additional local ARES/RACES members will still be required. Our local 2-meter repeater and NTS traffic nets on various HF frequencies will need to be monitored for incoming traffic for our counties from the disaster location. If you are interested in performing the above-noted monitoring functions, please contact me as soon as possible, so I know who will be available in the local area.

Sue, note a change: See another article in this newsletter and look for future newsletter articles for more information on the SET exercise, and on many other ARES/RACES-related initiatives. I hope these items will continue to be of interest. I also hope that our local ARES/RACES program will continue to grow, as it has over the past number of years. As always, if you have any questions on any ARES/RACES-related concerns, or if you would like to join our local ARES/RACES group, please contact either myself (Mecosta County EC/RO), or Gary Atteberry (Osceola County EC/RO). Also, be sure to check into our newly-established local ARES/RACES net. The net meets on the 146.740 2-meter repeater every other Wednesday at 9 p.m., with the next net being Wednesday: September 24.

BRAARC ANNUAL PICNIC: YUMMY AND FUN!

Well over 30 persons attended this year's picnic and it was obvious that more youngsters were present than in years past. Perhaps that was in part due to our being at Adventure Island located at School Section Lake. As you will note from the photos that follow, Adventure Island has on its premises an excellent putting course surrounded by water and including a neat manmade waterfall and lily ponds.



Some of the course can be seen in the background of the top photo on this page as well as on the next page. In this photo from left to right are Bob McCauley, WB8G, who also grilled some super hamburgers and dogs. Our host, Russ, is seated on a picnic table munching on a tasty homemade cup cake and Jerry Hemmye, KC8AW, is well protected from the sun under that high crowned hat. He proved himself an expert cook based on the outstanding roasted pork loin he brought along. Right of Jerry is Debra McCauley, W8SO, our expert CW operator. She and Bob raise llamas and she brought along a large plastic bag of hair from several different breeds of llamas. Intriguing stuff! It is miraculously soft and light and some of the items she was knitting were fascinating. It was a real plus at the event. At the far right in the photo is just a bit of, but not enough of, another member of the group. Anyone make out who it is? I'm just curious, so let me know!



In the lower photo Bob Moody, AB8NC, and Bob McCauley chat while Russ Brittain sizzles those burgers and dogs on the grill.

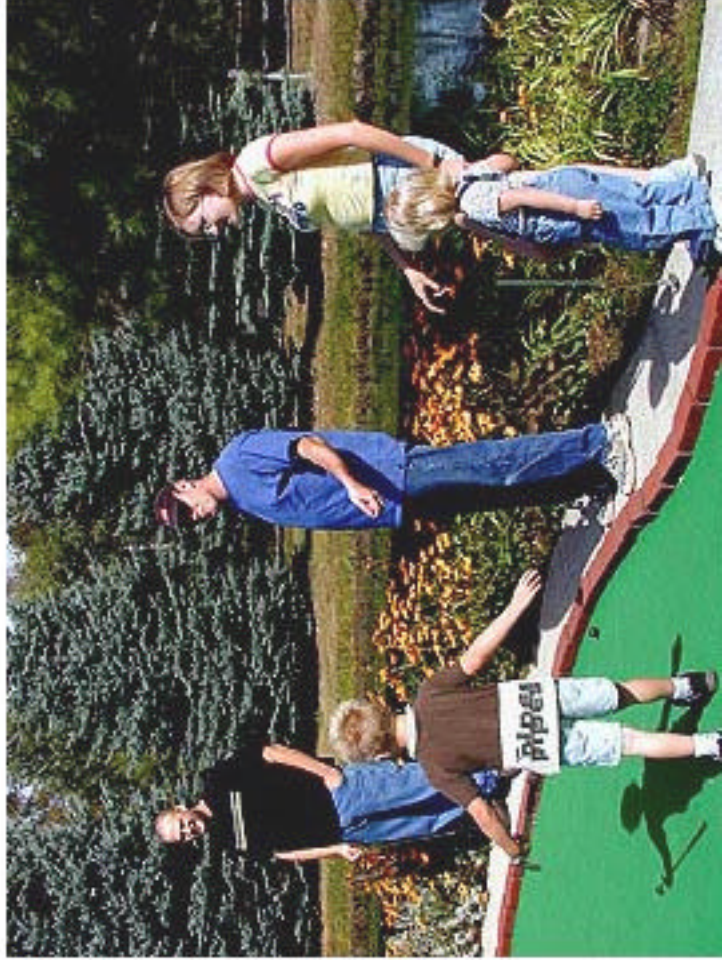
On the next page top left are late diners Helen and George Rouman, W8OWN munching. On the other side of the table, back turned, is Tim Stoecklein, KC0MDC and facing him is Bob Moody. At the end of the table is Bob McCauley chatting with George. You can see on the tables behind them the remains of what was a wonderful supply of

good food now mostly devoured.

In the upper right photo are from left Jody Harper, Tom Behler, KB8TYJ, Jim Orlowski, N8PUG, far back is Mike Foster, KC8PZA, Adam Orlowski, Sue Behler, KC8IFP, and Mathew Trombley, KC8VJR.

In the photo lower left are in front, Mike Foster's two children, and at rear behind them are Craig Bailey, KC8IJQ, Thom Durfee, W18W, and Cathie Foster. The children had a fine time since the course was really eye-catching.

In the photo lower right are Helen Popovich and Don MacConnel, WA4 FRJ, intent on setting a course record. As you can see, the putting greens are in perfect condition for this time of year, but then again they happen to be carpeted.



6 METER REPEATER IN OPERATIONAL TEST PHASE

Saturday, September 20th Thom Durfee, WI8W Fritz Pins and others headed for the hill site location for the new repeater system. It is about a quarter mile from the 2 meter repeater site and on a good sized hill. At the site Thom brought in electricity to the repeater shack, put on the roof and installed the ground rod. Thom's wife Leslie and daughter Bridget gave the building its first coat of paint and the antenna was installed on a 20 foot temporary mast.

While the unit will need considerably more bench time before it can be released for full use, test contacts have been made with it attached to a dummy load. Another power supply is needed to make it fully functional and many chores remain as is true with any such endeavor. The deadline still stands as the opening of winter weather so expect further updates in the near future.

DETAILS OF THE UPCOMING SET EXERCISE

TOM BEHLER, KB8TYJ, Mecosta County EC-RO

As I have noted on our local club nets this week, this year's "Simulated Emergency Test" exercise (SET) will be different from the SET exercises that have occurred in recent years. This year's exercise, which will occur on Saturday: October 4 from 9 a.m. - 2 p.m., will involve a simulated large-scale weather-related emergency in the Grand Rapids area. Hams throughout our district, District 6, will be asked to respond in various ways to this unfolding scenario, and all of its associated complexities.

Tom Vandermel, our District 6 Emergency Coordinator, is encouraging us to send several volunteers from our area to the SET staging location in Grand Rapids on Saturday: October 4, for direct participation in this exercise. He has asked me to give him a list of volunteers who would like to make the October 4th trip to Grand Rapids by the end of this week.

So far, I have 4 volunteers who have expressed an interest in going. They are:

1. Myself--KB8TYJ 2. Sue Behler--KC8IFP 3. Tim Stoecklein--KC0MDC and 4. Matt Trombley--KC8VJR.

I should point out that the Kent County RACES group will be the main sponsor of this exercise, and they do seem to give preference to RACES card holders, so keep that in mind as you think about whether you will go or not.

Again, if you'd like to join us, please let me know by Friday: September 19, so I can get a list to Tom Vandermel.

For those who can't make the trip to Grand Rapids, there will be an opportunity for you to participate in the SET exercise as well, even if it is indirectly. We will need people who will be in Mecosta or Osceola county on the fourth to monitor our local 2-meter repeater, and the various HF traffic nets that will be set up for the exercise. There may well be some traffic messages from the disaster location for our area, and it would be helpful if people were available to take them and respond to them as appropriate.

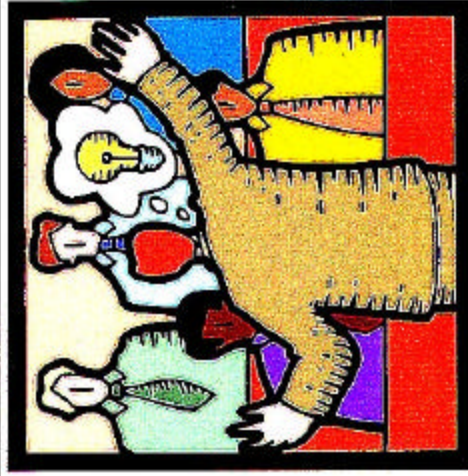
If you would like to volunteer for this latter aspect of the exercise, please also let me know.

One more thing: For those seeking RACES certification, the IS2 test from FEMA has been re-instituted, and is now available on line at www.fema.gov. Several of our local ARES/RACES members have accessed and taken the test electronically, and have gotten very prompt e-mail notification of their passing the exam. I would suggest that any RACES candidates without the IS2 certification take the test now, before it changes or gets taken out of circulation again sometime down the road.

I now have a print copy of the IS2 study book for those who can't access the material on line. In addition, Tim Stoecklein (KC0MDC) has downloaded the complete IS2 book and exam, and can copy it onto a CD for anyone interested.

Much more news to come later, but these are the latest and greatest ARES/RACES developments at this time.

Let me know if you have any questions on any of this, and I'll try to answer them the best I can.



NEXT MONTHLY CLUB

MEETING:

7:30 P.M. THURSDAY

OCTOBER 2ND. AT THE

MECOSTA COUNTY SERVICES

BUILDING ON STATE STREET

(OLD U.S. 131) JUST NORTH

OF THE PIZZA HUT IN BIG

RAPIDS.

PROGRAM: 1. PHOTOS WILL BE

TAKEN FOR ALL WHO ATTEND

WITH THE HOPE THAT IN TIME WE

CAN HAVE A PHOTO RECORD OF

ALL MEMBERS.

2. DON MACCONNEL WILL BE SET

UP TO CHECK THE DEVIATION OF

TRANSCIVERS. BRING YOUR

HANDHELD, MOBILE RIG, ETC. TO

HAVE IT CHECKED BY DON'S RFI

EQUIPMENT. PROPER DEVIATION

IS IMPORTANT AND ESPECIALLY

WITH REPEATER OPERATION.

LAST NAME	NAME	CALL	STREET	CITY	ST	ZIP	PHONE
ABRACZINSKAS	RAY	WB8VQ	4295 KENTRIDGE DRIVE S.E.	GRAND RAPIDS	MI	49508	616-466-3915
ALTER	ALLEN	K080TI	1940 N. CAMPBELL ROAD	FOUNTAIN	MI	49410	
ATTEBERRY	GARY	WB8WIA	115 SOUTH MAIN PO BOX 147	HERSEY	MI	49639	231-832-5555
BAILEY	CRAIG	K081VQ	2368 130TH AVENUE	MORLEY	MI	49336	
BARSTOW	JEFFREY	WD8DLK	12630 WILSON ROAD	RODNEY	MI	49342	231-867-3325
BEARD	JERIEL	K08MIF	815 WINTER AVENUE	BIG RAPIDS	MI	49307	231-796-3470
BEHLER	DAN	K08DNO	511 SPRING STREET	BIG RAPIDS	MI	49307-9530	231-692-9854
BEHLER	SUSAN	K08IFF	511 SPRING STREET	BIG RAPIDS	MI	49307	231-692-9864
BEHLER	THOMAS	K08TYJ	511 SPRING STREET	BIG RAPIDS	MI	49307	231-796-7684
BERRY	CAROL		13574 NORTHLAND DRIVE	BIG RAPIDS	MI	49307	231-796-7684
BLANCHARD	JONI	K08BHY	14167 N. MECOSTA	PARIS	MI	49336	231-832-4917
BRITTAIN	RUSSELL	K08WVG	3791 FOSTER	MT. PLEASANT	MI	48868	231-972-2522
BROWN	WILLIAM	N08JCP	4666 PARK STREET	REED CITY	MI	49677	231-832-4224
BUSKIRK	JERRY	K08CII	20924 175 AVE	BIG RAPIDS	MI	49307	231-796-2834
CALLEWAERT	BEVERLY	WD8PFC	18197 STONE HOUSE ROAD	HERSEY	MI	49639	231-832-9371
CARPENTER	ROBERT	K8YHJ	18222 220TH AVENUE	BIG RAPIDS	MI	49307	616-796-3714
CERDENA	RENATO	K08OUL	404 SANBORN AVENUE	BIG RAPIDS	MI	49307	231-796-8814
CHESEBROUGH	PETER	WB8PET	21021 MADISON AVENUE	BIG RAPIDS	MI	49307	231-796-1433
COLBY	DALE	WD8AUL	10119 EAGLE PASS	STANWOOD	MI	49346	231-872-2488
CORBIN	LOWELL	W810B	7330 N. ASPLUND ROAD	TUSTIN	MI	49688-6830	231-829-3933
CORBIN	ROBIN	N81R	7330 N. ASPLUND ROAD	TUSTIN	MI	48888-9630	231-829-3933
COVEY	JERRY	N81PHZ	7774 140 AVENUE	REED CITY	MI	49346	231-823-2170
CROAKER	ROBERT	WB8YPG	10411 SCHWYZ CIRCLE	STANWOOD	MI	49677	231-734-6832
DEADY	JIM	K08DTY	20745 16 MILE ROAD	REED CITY	MI	48655-8355	231-796-0521
DEADY	JOAN	K8ZSR	20745 16 MILE ROAD	LEROY	MI	49555-8355	231-796-0521
DEAN	RICK	AB8MD	23717 15 MILE ROAD	LEROY	MI	49307	231-796-0394
DENNIS	OSCAR	WA8TNQ	LOT C 11 606 BJORNSON ST.	BIG RAPIDS	MI	49307	231-796-6984
DOWDY	DANIEL		20650 EDGEWOOD	BIG RAPIDS	MI	49307	231-592-0872
DURFEE	THOMAS	W18W	3508 COLLINGWOOD AVENUE	WYOMING	MI	49509	616-531-9435
ECKELS	WILLIAM	W8ZNH	12322 175TH AVENUE	BIG RAPIDS	MI	49307	231-796-5707
FLESSLAND	GERALD	K8ZEP	10121 MOUNTAIN VIEW TRAIL	BIG RAPIDS	MI	49346	231-972-7016
FOSTER	KATHY	K08RBS	7937 E. 36TH	STANWOOD	MI	49337	231-998-2588
FOSTER	MICHAEL	K08PZA	7937 E. 36TH	NEWAGO	MI	49337	231-598-2588
FULLER	RAY	K08DNN	11259 LAKE ROAD	NEWAGO	MI	49346	231-972-2678
GLAZIER	CYNTHIA		502 NORTH STATE STREET	BIG RAPIDS	MI	49307	231-832-4917
GRAMER	DANNY	K8ZEQ	P.O. BOX 48	PARIS	MI	49336	231-832-4917
HARRIS	ROBERT	K88VST	17871 55TH AVENUE	BARRYTON	MI	49305	989-392-7717
HARRIS	SUSAN	K08FYH	17871 55TH AVENUE	BARRYTON	MI	49305	989-392-7717
HAWLEY	RICHARD	KL7WI	521 WEST FULLER APT 103D	BIG RAPIDS	MI	49307	231-796-4751
HEMAYE	JERRY	K08AW	BOX 45	HERSEY	MI	49639	231-832-3425
HOLE	RICH	N8ALF	2558 EAST 68TH STREET	NEWAYGO	MI	49337	
HURST	NELSON	W81FS	3074 WISPERING WAY S.E.	GRAND RAPIDS	MI	49546	616-954-0341
JONES	CORA	K08TDJ	11801 NORTH ROLLAND ROAD	LAKE	MI	48632	989-544-3448
JONES	JOSEPH	AA8TM	11801 NORTH ROLLAND ROAD	LAKE	MI	48632	989-544-3448
KEEN	GEORGE		BOX 1054	BIG RAPIDS	MI	49307	231-796-4867
KIRKBRIDE	DEBBIE	K8YKK	1316 CENTER AVE APT. 1	BIG RAPIDS	MI	48708-6107	989-892-1212
LA ROCK	NOWELL		700 SOUTH BRONSON	BAY CITY	MI	49307	231-796-9080
LANGENDERFER	ANDREW	K08LQY	312 SOUTH MICHIGAN AVE. APT	BIG RAPIDS	MI	49307	231-766-0683
LEROY	RALPH	W88WVI	11296 ALPINE	STANWOOD	MI	49346	231-972-2279
LOOY	TIM	K08NJY	4692 2 MILE ROAD	WHITE CLOUD	MI	49349	231-689-5142
MACCONNEL	DONALD	WA8FRJ	17561 ROUND LAKE ROAD	BIG RAPIDS	MI	49307	231-692-1434
MACLEAN	BRUCE	WA88IH	13125 K.T. DRIVE	BITELY	MI	49309	231-745-4740

6 METER REPEATER INSTALLED AND UNDER TEST PHASE. CHECK IT OUT!



LAST NAME	NAME	CALL	STREET	CITY	ST	ZIP	PHONE
MARCOTTE	PHILLIP	KC8QOV	558 20TH AVENUE	BLANCHARD	MI	49310	989-561-5091
MAY	CONNIE	KC8RBP	7395 3 MILE ROAD	BLANCHARD	MI	49310	989-352-6959
MCCAULEY	DEBRA	W8SO	P.O. BOX 104	MECOSTA	MI	49332-0104	989-352-6959
MCCAULEY	JUSTIN	KC8WGH	P.O. BOX 104	MECOSTA	MI	49332-0104	231-972-7721
MCCAULEY	ROBERT	WB8G	P.O. BOX 104	MECOSTA	MI	49332-0104	231-972-7721
MCDANIELD	GREGORY	KB8ZSU	21081 205TH AVENUE	BIG RAPIDS	MI	49307	231-796-4860
MCDOWELL	JOHN	KC8BAR	PO BOX 116	REED CITY	MI	49677	231-832-2251
MONDRO	DICK	W8FQT	800 DOVER DRIVE	DEARBORN HGTS.	MI	48127	313-730-2111
MOODY	ROBERT	AB8NC	620 BIRCH STREET	BIG RAPIDS	MI	49307	231-796-2069
MOORE	NATE	KC8RBR	11974 FEDERAL RD.	MORLEY	MI	49336	231-856-4158
NALEZYTY	WALTER	WB8GAO	10401 SCHWYZ CIRCLE	REED CITY	MI	49677	231-734-0172
NEVILL	WALTER	N8HDD	9820 SOUTH PULASKI #210	OAKLAWN,	IL	60453	708-499-6254
NOVAK	DONALD	WB9VWP	1812 BEAVER ROAD	BITLEY	MI	49309	231-745-4583
O'BRIEN	TOM	KC8AUU	1408 BLACKBERRY LANE	FLINT	MI	48507	313-235-5781
OLESON	SHARON		218 SOUTH WARREN	BIG RAPIDS	MI	49307	231-796-0566
ORLOWSKI	JAMES	N8PUG	10386 5 MILE ROAD	LAKEVIEW	MI	48850	989-352-7128
OSBORNE	RICHARD	KC8UB	17317 RAPIDS DRIVE	HERSEY	MI	49639	231-832-2610
PANICCI	VINCENT	K8SHX	2557 NORTHLAND DRIVE	MORLEY	MI	49336	231-856-7802
PENNOCK	PAT	W4NKL	7165 NORTHLAND BLVD. P1MB 12	BARRYTON	MI	49305-3547	989-382-9691
PINS	FRED	N18E	420 HUTCHISON STREET	BIG RAPIDS	MI	49307	231-592-5251
REIMAN	JOHN	N8XQG	4108 DEER RUN LANE	SEARS	MI	49679	231-734-3018
RICHARDS	JACK	KB8JR	19060 200TH AVENUE	BIG RAPIDS	MI	49307	231-796-9426
RICK	JENS	KC8OIV	17799 TRESTLE BEND DRIVE	BIG RAPIDS	MI	49307	231-796-6325
ROJMAN	GEORGE	W8OWN	300 WEST PINE STREET	BIG RAPIDS	MI	49307-1360	231-796-3114
SCHNEIDER	KEN	KC8SWY	P.O. BOX 988	COLOMA	MI	49038	
SCHULTHEIS	WILLIAM	KE4CFV	27885 EAST RIVER ROAD	GROSSE ILE	MI	48138	231-796-4811
SMALLA	LAURA		20701 NORTHLAND DRIVE	PARIS	MI	49338	231-796-7232
SPENCE	JAKE	K18CK	20598 OKEMOS DRIVE	BIG RAPIDS	MI	49307	989-382-7894
SPENCE	LILLIAN	KC8OMJ	21463 30th AVENUE	BARRYTON	MI	49305	231-745-8845
STANKEY	WILLIAM	N8MZB	5221 MARQUETTE TRAIL	CHASE	MI	49623	231-629-1443
STAPP	CHRIS	KC8WGC	P.O. BOX 704	HOWARD CITY	MI	49329	231-629-1443
STEELE	JEFF		101 WEST SLOSSON	REED CITY	MI	49677	231-832-5566
STOECKLEIN	TIM	KC0MDC	14034 MILLPOND ROAD	BIG RAPIDS	MI	49307	231-796-4212
STRAUS	BILLIE JO	KC8WGE	3235 HOOVER ROAD	BARRYTON	MI	49305	989-382-7242
TAAL	CHRIS	KC8WFZ	12435 183 RD AVENUE	BIG RAPIDS	MI	49307	231-796-0824
THOMAS	RICHARD	KC8OZX	74 MARKET S.W.	GRAND RAPIDS	MI	49503	616-937-4557
THURSTON	MARK	KB8WXI	10101 MOUNTAIN VIEW TRAIL	STANWOOD	MI	49346	231-972-7083
TROMBLEY	MATTHEW	KC8VJR	225 WALNUT STREET	SHELBY	MI	49455	231-591-6689
TRUTE	GORDON		15775 COOLIDGE ROAD	BIG RAPIDS	MI	49307	231-796-5629
TYSON	ROBERT	KC8JOM	23191 HOLIDAY DRIVE	HERSEY	MI	49639-8625	231-832-5626
VANANTWERP	ALAN	WA8LKV	23204 20 MILE ROAD	TUSTIN	MI	49688-8060	231-829-3433
VANDERMEL	THOMAS	KB8VEE	5495 AIRLINE ROAD	FRUITPORT	MI	49415-8691	231-865-1558
WATKINS	MARK	KC8CBX	325 WEST UPTON AVENUE	REED CITY	MI	59677	
WEAVER	JIM	K8JE	5065 BETHANY ROAD	MASON	OH	45040-9660	513-459-0142
WERNER	BRUCE	WB8TVD	20839 COOLIDGE ROAD	BIG RAPIDS	MI	49307	231-796-2749
WILLIAMS	DALE	WA8EEK	291 OUTER DRIVE	DUNDEE	MI	48131	
WILLISON	ROBERT	WD8MOD	7170 NORTH HICKORY	BIG RAPIDS	MI	49307	231-796-4488
WOOLEN	JAMES	K4UIH	14955 CHULA VISDTA DRIVE	BIG RAPIDS	MI	49307	231-796-1426