



W8KEA



MARC

MIDLAND AMATEUR RADIO CLUB  
PO BOX 1049, MIDLAND, MICHIGAN 48641  
[www.w8kea.org](http://www.w8kea.org)

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Vice President	Chris Rose KB8UIH	(989) 832-7179
Secretary	Linda Hodges KC8MUD	(989) 374-0032
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	Michael Vecchitto KB4EIZ	(989) 832-3932
	Jeff Mowery N8KS	(989) 615-3715
	Pat Mullet KC8RTW	(989) 828-6657

#### LIFE MEMBERS

Jack W8PHG, Larry K8SQB, Don W8WOJ, Lee KC8ITI, Raleigh W8QOI (SK)

Midland County Public Service Net, Thursdays at 9 PM  
W8KEA Repeater — 147.000 MHz+ PL 103.5 • W8QN Repeater — 443.325 MHz+ PL 103.5  
W8KEA Digipeater — 145.090 MHz

Next ARES®/RACES Meeting — Thursday October 7, 2010  
Next CLUB MEETING — Thursday October 7, 2010  
Salvation Army Building, 330 Waldo 7:30 PM  
Talk-in on 147.000 MHz +

October 2010

## View from the Top of the Tower

Lee Hodges, KC8ITI

Linda and I had to finally throw in the towel. In our move to Midland, we thought it would be nice to keep our old Frankenthuth phone number. One less thing to worry about and family and friends would still be able to reach us with the number they already had. The issue came to a head when our new next door neighbor informed us that she had to make a long distance call to give us a ring. After many assurances that we could, in fact, keep our old number from our internet phone provider someone finally admitted that it should work but they didn't know how to make it work. So much for number portability. Linda and I decided it was more important to have a local number than keep the old one so if you have to give us a jingle on the land line our new phone number is (989) 374-0032.

Thank you for your confidence in the current club officers by reelecting all of them for another term. It is heartening to know that the majority of the club feels we are doing the right things to keep our club working smoothly. Your club officers for the next

**When all else fails ...  
...Amateur Radio!**



year are:

President – Lee – KC8ITI

Vice President – Chris – KB8UIH

Treasurer – John – W8QN

Secretary – Linda – KC8MUD

If you have any concerns or comments about the Midland Amateur Radio Club and how we can make things better let any one of us know.

#### **MARC MEETINGS**

Chris Rose, KB8UIH, is in charge of special events and topics for the MARC monthly meetings. If you have any agenda items, or topics for the meetings, please contact Chris at (989) 832-7179, or via e-mail: kb8uih@arri.net

#### **COMMUNICATIONS**

Pat Mullet, KC8RTW, is in charge of communications and publicity for the club. If you have any questions or ideas regarding these areas, please contact Pat at kc8rtw@arri.net

#### **EXAMINATION SCHEDULE**

*Saginaw* - All future VE testing will be done on an appointment basis only.

*Corunna* - Contact Thomas Carpenter (517) 579-0599 ki8as@charter.net.

*Bay City* - All future VE testing will be done on an appointment basis only.

*Isabella/Clare Counties* - Contact Gus Glass, K8GUS at k8gus@arri.net

With all examinations, your original license, a copy of that license, a second photo identification (drivers license, etc.) and a check or money order for \$15.00 made out to "ARRL/VEC" are required.

The address listed below gives testing sessions scheduled for Michigan. <http://www.arri.org/arrivec/exam-search.phtml?State=MI>

#### **AUTOPATCH**

All Midland Club members have autopatch privileges. If you do not have the instructions, contact N8CGP for a copy. Please do not pass on your copy.

#### **SUBMISSIONS FOR NEWSLETTER**

Contact Pat Mullet, KC8RTW at kc8rtw@arri.net if you want to submit anything for the newsletter.

I need your items by the 15th of the month. Anything received after that may not make it into the newsletter for that month.

If you prefer to download the MARC newsletter from our web site, or have trouble with delivery via USPS, contact Michael, KB4EIZ, at kb4eiz@yahoo.com.

#### **MEDIA HITS!**

Have you seen or heard mention of the Midland Amateur Radio Club in the news or in the paper? If so, please forward it, or mention of it to either Pat, KC8RTW (kc8rtw@arri.net) or Lee, KC8ITI (kc8iti@arri.net)

By the time you get this newsletter, our club picnic will have taken place. I'll let you know next month how things went.

Our fall Technician class is all set. We will start October 4<sup>th</sup> and have the room booked through November 17<sup>th</sup>. The classes will be on Monday and Wednesday nights from 7 PM to 9 PM at the Salvation Army Building 330 Waldo here in Midland. I'm still putting the final touches on the presentations so I'm not sure just how many class sessions we will need to pass on all of the material so we may finish up before November 17<sup>th</sup>. Seeing that we are using new books with all new material and I'm putting together the presentation, I'll be acting as lead instructor for this class. Our instructor corps will be sitting in so they can get familiar with the course material and take over as instructors for the next Tech classes. If you know of anyone that would be interested in joining our class to get their first amateur radio license have them get in contact with Bob, W8LSS or myself and we will get them on the class roster.

Since Pat, KC8RTW has sent out press releases about our Technician class, I've gotten a couple of emails asking when we will be offering a General license class and one email about our Extra license class. Our tentative schedule is to offer the General class just after the first of the year, maybe in the late January or early February time frame with the Extra class being offered later in the spring. The idea would be to finish the Extra class in time for our testing session at the swap in June. Of course, we have enough instructors that we could squeeze another Technician class in if we get enough demand.

The club has some equipment that has been donated that we have deemed as surplus to the needs of the club and have placed the equipment up for auction. Look elsewhere in this newsletter for the list of equipment we have up for bid. If you would like to place a bid give Bill, AB8JF or me a call. If you would like to see the equipment, Bill has it at his place so make arrangements with him to take a peek at it. If you would like to know what the current high bid is on a piece of equip-

ment then give me a call. We expect to announce the winning bids at the end of the November meeting.

Speaking of equipment, I received an email from John Gibson, NO8V that there is an estate sale of amateur equipment scheduled for October 2<sup>nd</sup>. This is the estate of Gary Bortles, KB8IPU. Gary was a long time member of the Midland Club and I'm sorry to hear that Gary is a silent key. In the email, John has 7 pages of items listed for sale along with their prices. It looks like a lot of work was put into the preparation for this sale. Again the details are: Saturday, October 2, 2010, from 10 am until 2 pm at Powder Coat of Central Michigan, 1201 S. County Farm Drive, Ithaca, MI 48847.

If Pat, KC8RTW doesn't already have the flyer for this sale I'll forward it to him for inclusion in this newsletter. If you would like a list of equipment for sale email John, NO8V at gibson@alma.edu or let me know and I will forward John's email to you.

Looks like I got carried away again this month. I did happen to make it to a couple of swaps this last month. Of course I had my shopping list with me but didn't fill much of it. I did promise my newly minted Technician granddaughter, KD8OLD a handheld radio when she passed her test. I found a good deal on a HTX 202 that I knew would fill the bill. The first chance I had to give Tiffany her radio was at my son's wedding reception. I expected Tiffy to put her new radio in the car and enjoy the wedding but no, she just had to get it out and show everyone. It was fun to watch her proudly show HER radio to anyone that would take an interest in it and explain to the other kids there just what ham radio was all about. Of course, the tough questions got deferred to her mother, KC8TXS, KC8MUD or yours truly. Ah, the enthusiasm of youth. If you are young or just young at heart, let your enthusiasm shine through as you make your journey through this great hobby.

Best regards, Lee – KC8ITI

## ***Amateur Radio is a Contact Sport!***

## MARC Minutes Linda Hodges, KC8MUD

The meeting was called to order by Lee KC8ITI at 7:35 P.M. with 27 people in attendance.

A motion was made by Cindy KD8JQY and seconded by Larry N8CGP to approve the minutes from the last meeting. Passed.

The Treasurer's report and the EC/RO report are tabled until next month.

New Phone Number-Lee KC8ITI-Lee shared his new contact information with club members.

Club Picnic-Linda- Come on out and join in the fun of our annual club picnic at the Homer Township Park. Potluck is always good and the grills will be ready for your favorite picnic food. Please bring your own table service.

Classes-Lee KC8ITI The tech. class starts at the Salvation Army building on October 4<sup>th</sup> (Monday and Wednesday) until November 17<sup>th</sup>. To order books or sign up please contact Lee KC8ITI or Bob W8LSS. Also talk to Bob or Lee if you would like to help teach any of these classes. One person has already signed-up and books are still a bargain at only \$20.00

SAR Meeting- Keith KB8SOE -Meeting was held by invitation only. Organization is in preliminary stages of development. Kent County and Genesee County both had people at the meeting to help get this Search and Recovery Team started. One item on the agenda was that they would like to have at least one Radio Operator per deployed team.

Club Elections- Lee KC8ITI- Thank-you to everybody for your nominations and discussion. The results are as follows.

Secretary- Linda KC8MUD  
Treasurer- John W8QN  
Vice-President Chris KB8UIH  
President- Lee KC8ITI

Club Equipment-Lee KC8ITI- Donated equipment will be listed in the newsletter and will be up for auction. A list of the available items will be in the newsletter. Please contact Lee KC8ITI or

Bill AB8JF with your bids.

Mr. Neimer- Linda-KC8MUD- A retired gentlemen currently living at PineCrest would like to have someone come out and talk about ham radios with him. His sister contacted me and is looking for someone to spend a little time with her brother.

Update- Please send well wishes and current ham news to Michael KB4EIZ and his wife Carol KD8HIC. Michael is currently fighting a serious illness.

Bring a Friend-Ryan KC8PMX- A long discussion about how to expand our club's membership.

Christmas Party- Mark your calendars for December 3<sup>rd</sup> at the Lee Township Hall.

A motion was made by Linda KC8MUD to donate \$100.00 to the Sweet Adelines singing group for the evening's entertainment. Seconded by Bob W8LSS. Passed.

Information- John WB8RCR- A long Michigan Traffic Net discussion and the October 2<sup>nd</sup> SET was mentioned.

Findley -Ryan KC8PMX-Ryan offered to look for items at the upcoming Findley Swap. Thank-you Ryan.

Santa Parade- Bill AB8JF- Bill reminded club members of the upcoming Santa Parade and invited members to join in the fun. Please donate some wrapped candy for throwing.

### Net Controls:

Sept 9<sup>th</sup> Ryan KC8PMX  
Sept 16<sup>th</sup> Chris KB8UIH  
Sept 23<sup>rd</sup> Lee KC8ITI  
Sept 30<sup>th</sup> Keith KB8SOE

A sign-in sheet was passed around the room.

An Adjournment motion was made by Lee KC8ITI and seconded by Larry N8CGP. The meeting was adjourned at 8:35 P.M.

Respectfully submitted,  
Linda KC8MUD  
MARC Secretary

### Upcoming Events

Sep 18 MARC Picnic  
Nov 20 Midland Santa Parade  
Dec 3 MARC Christmas Party

### Michigan Hamfests

Sep 19 Adrian  
Oct 16 Holland  
Oct 17 Kalamazoo  
Dec 10 Mt. Clemens  
Jan 16, 2011\* Hazel Park  
Feb 13, 2011\* Cherryland  
Feb 20, 2011 Livonia  
Mar 19, 2011\* Marshall  
Apr 2, 2011\* Lowell  
May 7, 2011\* Cadillac  
Jun 18, 2011 Midland  
Jun 19, 2011\* Monroe

\* denotes tentative date based on 2010 event

### Area Nets

SVARA; Mn, 147.24 MHz, 2100 ET  
Gladwin; Tu, 147.18 MHz, 2000 ET  
BAARC; Tu, 145.31 MHz, 2100 ET  
Canadian Lks, Wed, 146.8, 2100 ET  
Edmore, Th, 146.8, 2000 ET  
MARC; Th, 147.00 MHz, 2100 ET  
District 3 ARPSC; Su, 145.31 MHz, 1800 ET  
W Mi Trffc Net; MWF, 145.15 MHz, 0900 ET  
TMMTN; Mon-Sat, 147.30 MHz, 2130 ET  
MACS; Mon-Sat, 3953 kHz 1100 ET  
MIARPSC; Su, 3932 kHz, 17:00 ET  
UPN; Sun-Sat, 3920 KHz, 17:00 ET  
MITN; Sun-Sat, 3952 kHz, 1800 ET  
QMN; Sun-Fri, 3563 kHz, 1830 & 2200 ET  
WSSBN, 3932 kHz, 1900 ET  
UP-ARES; Fr, 3932 kHz, 1930 ET  
GLETN; Sun-Sat, 3932 kHz, 2030 ET  
SEMTN; Sun-Sat, 145.33, 2215 ET

### MARC MERCHANDISE

T-Shirt	S- XL	\$10
	2X - 3X	\$12
Long-Sleeve Tee	S- XL	\$12
	2X - 3X	\$15
Crew Sweatshirt	S- XL	\$18
	2X - 3X	\$20
Hoodie	S- XL	\$24
	2X - 3X	\$26
Zipper Hoodie	S- 3X	\$30
Winter Coat	S- XL	\$42
	2X - 3X	\$45
Spring Jacket	S- XL	\$32
	2X - 3X	\$35
Hat		\$10

All garments are royal blue with white print and embroidered name and number. Extended sizes available.

Please call Bill Lee at B&C Sportswear with questions @ (989) 839-4537.

**Explore the World with  
Amateur Radio!**



## ***My Two Cents***

***Pat Mullet, KC8RTW***

What happened to summer? It seemed as if just last week we were getting ready for Field Day, and the last few weeks have caused many of us to break out our long-sleeved shirts and sweaters. As I write this, the official start of the fall season occurs during the end of the week, and it doesn't take much imagination to see the cold, gray days of winter sneaking up on us.

I guess that calls for a reality-check on my part—for a variety of reasons, there's no way I'm going to get the conduit for my coax runs dug and my HF vertical moved this year. Still, I swore to myself I'd have a good HF antenna up

for the winter, so I'm currently planning on hanging my G5RV in the two black walnut trees on the west side of the house. That just leaves me the problem of how best to run the coax from one end of the house to the other, where my room/shack is located.

One option would be to attach them behind the eavestroughing, but I'm not certain how to snug it up close to the trough so it doesn't look shabby.

The second option would be to snake it under the rear porch decking, then along the house, but since rabbits and other critters like to live there, I'm concerned that they'll gnaw through the

coax.

I'll also have to get my entry box set up. I picked up a Keptel cable entry box off eBay that will hold half-a-dozen Alpha-Delta surge suppressors (I'm planning for the future) but I need to procure a metal panel on which to mount them before installing them inside the box. I'd prefer copper, but may have to run with steel to serve as the backplane.

Since I'm new to this, and want to do a good job that won't need to be replaced next spring, I'm not only open to suggestions, but actively seeking guidance. If you've any suggestions, please drop me a line.

73, Pat, KC8RTW

## ***ARES®/RACES***

***John Wolters, W8QN***

To start this month's column – there will be an ARES/RACES meeting Oct. 7<sup>th</sup>. Hope to see you all there.

The annual Simulated Emergency Test (SET) is scheduled Saturday October 2<sup>nd</sup>. I had hoped to talk about this in the last meeting but could not due to family circumstances. There has been

an e-mail sent to all those that I have current e-mail addresses for asking for assistance. If you have not received the e-mail and want to join please contact either John Wolters (w8qn@arrl.net) or Chris Rose (KB8UIH@arrl.net). The activity is expected to occur from 9 am to approximately Noon. Most of the

activity will be on simplex VHF FM but we will be making some contacts thru the repeater and need a station or two to monitor and pass traffic if necessary on HF. Your assistance would be appreciated.

## ***From the Treasurer***

***John Wolters, W8QN***

I want to thank all those that voted for me in the recent election. It was a hard fought battle but we pulled it out in the end. (Hi Hi)

On a different note, I am missing e-

mail addresses for the following people. Please send me an e-mail at w8qn@arrl.net so that I can update club records. If you have changed your e-mail address in the last year please also

send me an e-mail.

W8CVZ, AB8TJ, K8BHU,  
WD8SDX, WA8KJR, KC8ZMQ,  
W8SEX, KD8MQZ, KD8MRB

## ***News, Press Releases, and General Interest***

(ARRL Contest Update Sept.15, 2010)—The DX world is buzzing about the upcoming change of status for several Caribbean entities that will be formerly known as the Netherland Antilles beginning Oct 10<sup>th</sup> - Curacao, Bonaire, Saba, St Eustasius, and Saint Maarten. Watch the DX bulletins (ARRL DX Bulletin, Daily DX, QRZ DX, OP DX Bulletin, and others) for the latest word on changes in award status. Oh, and then make sure you have the latest CTY country file so your logging software counts all of your multipliers

correctly!

The Northern California Contest Club is having a party and you're all invited! This year marks 40 years of excellence in amateur radio contesting for NCCC and to share our excitement, we're having a special on-air celebration. It's the NCCC 40th Anniversary Party -- a two week event taking place from September 18 to October 1, 2010, and open to all amateurs worldwide. Check out the Web site for details about special calls and awards. (Thanks, Chris N6WM)

The New York QSO Party has

instituted a new entry class for operators that have received their Amateur Radio ticket since January 1, 2007. The Rookie Operator Award will feature a NYQP plaque to the operator with the best NYQP score for 2010. (Thanks, Rick W1TY/W2RTY)

Roger K8RI discovered this useful emergency services Web site <<http://www.wirelessestimator.com/emergency>>. Enter an address and the site identifies the emergency resources available in your area, such as hospitals and fire houses, and routes to/from a

work site for each service. While nobody expects an accident (or the Spanish Inquisition, for that matter) during a work party, this could be very handy information to have on hand.

A recent Slashdot article notes that the Defense Advanced Research Projects Agency (DARPA) will begin looking for

technology that will "let wireless communications work through the most extreme interference by developing advanced interference suppression and avoidance technologies." They should try it during ham radio phone contests!

The Lost Island DX Society is sponsoring the first annual Talk Like A

Pirate Radio-Sport Contest to coincide with the annual Talk Like A Pirate Day, September 19. While it sounds a little barmey in the crumpet, don't be a knot-brained dabberlack and heave hearty! (A right and proper thankee to Randy K5ZD)

## ***Surplus Equipment Auction***

From time to time equipment is donated to the Midland Amateur Radio Club. A determination is made whether this equipment has value to the club in general and if it does then it is placed in club inventory to be used as needed. If donated equipment is deemed as surplus to the club's needs then it is sold, usually at the Midland Swap. The following equipment has been deemed surplus:

MFJ-4602 Window Antenna Feedthru Panel – high bid \$20

MFJ-986 Antenna Tuner – high bid \$100

Rig Blaster – no bid

NYE Speed-X Key with Navy Knob – high bid \$25

NYE Straight key (in box) – high bid \$20

NYE Straight key (in plastic bag) – no bid

Motorola Speaker – high bid \$5

Miscellaneous Box of antenna parts – no bid

Miscellaneous Box of cables – no bid

Bids will be taken on this equipment through the end of the November club meeting at which time awards will be made. Bid sheets will be available at

the September, October and November meetings. We will try to make this equipment available for inspection at each of these meetings. Bids can be placed at the club meetings or by calling Lee, KC8ITI or Bill, AB8JF. The club reserves the right to reject any or all of the bids. The club also reserves the right to withdraw any of the items from the auction. Before the close of the auction, the club may also add more equipment for bid.

## ***Estate Sale for Gary Bortles, KB8IPU (SK)***

Fellow Amateurs,

I am writing to you to announce a huge sale of amateur radio and other hobby electronic equipment from the estate of Gary Bortles, KB8IPU (SK). The sale features over 300 items, ranging from new-in-the-box HTs to old HF gear—Alinco, Dynaco, Grundig, Halli-crafters, Heathkit, Hy-Gain, Icom, Ken-wood, MFJ, Military, Panasonic, Radio Shack, Ten-Tec, Uniden, Yaesu, and

more.

We will hold the sale Saturday, October 2, at Powder Coat of Central Michigan, 1201 S. County Farm Drive, which is located about 1 mile south of Ithaca, MI. We plan to open our doors at 10:00 a.m. and remain open until 2:00 p.m.

All unsold items at the end of the sale will be made available on a negotiated basis to interested retailers, consign-

ment shop owners, amateur radio clubs and/or club members.

Terms: Cash and carry. Checks accepted with government-issued photo identification. All items sold as is, where is. No items sold in advance of the sale. All sales are final.

For a complete list and sale information, email: [gibson@alma.edu](mailto:gibson@alma.edu)

73, John Gibson, NO8V  
Gratiot County ARA

## ***VHF Propagation for the Computer-Disadvantaged***

Most of you know I use (and love) SPLAT!, a program for showing VHF path losses and coverage. There are a couple of SPLAT! images on the club website.

Trouble is, SPLAT! has been a Linux thing, and it is kind of hard to use. There is now a Windows release, but it doesn't deal with the hard to use part. Not only is it a command line program, but it really takes a command line mindset. Very cool if you happen to be "that way", but not so cool for the non-computer geeks.

Turns out a couple of schools in

Oklahoma decided that it didn't have to be that way, and built web interfaces to SPLAT!

If you go to <http://splat.ecok.edu/> you can select one of three servers. You then "register" your station, providing basically call, lat/long and antenna height. You can then get a coverage map drawn. If there are other stations of interest already in the database, you can easily get path calculations between them. Of course, no reason you couldn't add additional stations.

A somewhat simpler approach is a point to point web interface at

<http://www.heywhatsthat.com/profiler-0904.html>. This merely shows the path. It doesn't actually do the SPLAT! calculations so it doesn't show you signal strengths, but it does give you a quick and easy look at the stuff between you and another station. Instead of entering lat/long, you simply click on a Google map—hopefully you know where you are on a map!

Enjoy,  
73, WB8RCR

# Become Part of the Magic of Amateur Radio Communications!

## It's MUCH More Than a Cell Phone!

*Whether you're interested in talking with someone across the street or the other side of the world... or even speak to an astronaut on the Space Station, you can do it with "ham" radio! It's much more than a simple cell phone!*

Even with the growth of the cellular telephone, Amateur Radio still has an important part to play in every day communications—and especially during emergencies! It's easy to get licensed and startup radio equipment is inexpensive. And *Morse Code* is no longer a prerequisite for a ham radio license.

*Cell phones are great tools for everyday use—but they can cost several hundred dollars a year to use. And when power goes out, cell phones often fail.*

*When All Else Fails...Amateur Radio is there to help. And we need YOUR help to provide emergency communications in our area! It's EASY and FUN to learn! People from 8 to 80 are getting their Amateur Radio Licenses.*

### *As a Licensed Ham Radio Operator You Can:*

- Talk To Other Hams Around the Area, the World... and Even in Space!
- Build and Experiment With Electronics
- Serve Your Community in Times of Need

*The Midland Amateur Radio Club* will be holding classes where **YOU** can learn everything you need to pass your Technician Class FCC Amateur Radio License exam, get on the air, and *Tune In the World!*

**Classes will meet from  
7 PM to 9 PM Monday and Wednesday,  
beginning Monday, October 4th and run for 7 Weeks**

**Class Location: Salvation Army Building  
330 Waldo Avenue  
Midland, Michigan, 48641**

No Fee for Classes

Textbooks available at Club discount price of \$20.00

Testing fee is \$15.00, Session Date to be Determined



**WWW.ARRL.ORG**

Though classes are free, preregistration is appreciated to ensure sufficient materials and accommodations.

To register contact:

**Lee Hodges**

Email [kc8iti@arrl.net](mailto:kc8iti@arrl.net)

Phone (989) 374-0032

or

**Robert Winchester**

Email [w8lss@arrl.net](mailto:w8lss@arrl.net)

Phone (989) 631-9169

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**In Conjunction With**





## Fall Technician Class Announced

As mentioned elsewhere in this issue, and as noted in the flyer on the proceeding page, the Midland Amateur Radio Club will be offering a Technician Level licensing class this fall. All the information needed to pass the Tech test will be covered in this course, along with hands-on demos and real-life examples provided by the instructors. The required textbook, The ARRL Ham Radio License Manual Second Edition, which normally costs \$25, will be available at a discount

of \$20.00 through the club. An exam will be scheduled after the conclusion of the course. The course will be held at The Salvation Army Building, 330 Waldo Rd. Classes will begin at 7pm and run until about 9pm. The course will run seven weeks beginning Monday, October 4<sup>th</sup>, 2010 and will meet on Mondays and Wednesdays each week.

If you and or someone you know would like to get your FCC Amateur Radio Technician license, this is your

chance. Although the class is open to the public, its best to sign-up beforehand to insure sufficient space and textbooks are available. For more information, you can contact Lee Hodges, KC8ITI either via email at [kc8iti@arrl.net](mailto:kc8iti@arrl.net) or by phone at (989) 374-0032. You may also contact Bob Winchester, W8LSS at [w8lss@arrl.net](mailto:w8lss@arrl.net) or by phone at (989) 631-9169.

## Swap 'n' Shop

**For Sale:** Excess toroid cores, Fair-Rite 2.4" OD type #31 mix @ \$5.90 each. Ideal for baluns 160 through 6 meters. You can build a good current balun for about the price of a cheap commercial one and get far better isolation. I purchased a 100 of the things and will only use about half.

Also, two MFJ 989C Versatuners-

full legal limit--\$175 each. They are going for a bit over \$200 each on eBay. Roger (K8RI)

**Wanted:** 20 or 30 MHz dual trace oscilloscope. Contact Dan Cline, KC8BOP, at [kc8bop@arrl.net](mailto:kc8bop@arrl.net) or 989-832-1770 days or 989-839-0284 evenings.

**Small Tower Needed:** A co-worker of mine is looking for a light duty tower 20' to 30' high to support a Speed Net dish. Please let me know if you have such a thing you are willing to part with. Kevin Barnum KB8QWQ home 687-6987 or [kb8qwq@tds.net](mailto:kb8qwq@tds.net)

## MARC Vital Statistics

### Memberships Expiring in September 2010

KA8ORL  
KD8FSI

KD8IVZ  
KD8IWB

WB8YAG

### Memberships Expiring in October 2010

KB4EIZ

KD8HIC

### Memberships Expiring in November 2010

KC8TQS

WD8BPT

Current Active Club Membership 69

### Birthdays Celebrated in September/October 2010

KC8ZMQ 9/6  
N8STF 9/9  
N8FUZ 9/17  
KB8PGV 9/17

KB8SOE 9/19  
W8WOJ 10/3  
KD8JQX 10/5  
N8LTR 10/10

N8WTQ 10/10  
KC0CJC 10/15  
KC8TQU 10/19  
KB8PGW 10/25

### Anniversaries Celebrated in September/October 2010

W8JBD and ??? 09/10  
KC0CJC and Sally 09/12  
K8RI and N8JBW 09/26

WB8RCR and Eileen 10/12  
KB8SOE and Darci 10/19  
KB8LQM and KC8IHB 10/23

Information is from data received 8/13/2010

Any corrections or questions contact John, W8QN

# Amateur Radio. . . We Do That!



Pat Mullet  
Newsletter Editor  
171 E. Orchard Ave.  
Shepherd, MI 48883

If you desire to join the Midland Amateur Radio Club, the dues are \$20 per year for an individual membership. A family membership is available for an additional \$5 per year which covers all of the individual's family members. Family members must reside at the same address as the primary member to be eligible for the family member rate. The membership dues help to cover the operating expenses of the Club, and its radio systems. Membership includes Autopatch privileges on the W8KEA repeater (147.000+), voting privileges at MARC meetings, and a monthly newsletter. Please supply the following information:

Name: \_\_\_\_\_ Callsign: \_\_\_\_\_ License Class \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
Home Phone (\_\_\_\_) \_\_\_\_\_ Work Phone (\_\_\_\_) \_\_\_\_\_  
E-mail address \_\_\_\_\_  
Spouse: \_\_\_\_\_ Callsign: \_\_\_\_\_ License Class \_\_\_\_\_  
Birthday: (mm/dd) \_\_\_\_\_ Anniversary: (mm/dd) \_\_\_\_\_  
Desired newsletter format: Paper copy via USPS \_\_\_\_\_ or via e-mail \_\_\_\_\_

Are you an ARRL Member? Y/N      Do you want an ARES Application? Y/N

We request this information so we can communicate with you regarding MARC business, and periodically send you newsletters and congratulatory birthday & anniversary greetings. We do not sell this information nor will we knowingly publicize private information without your permission. Information that is publicly available may be distributed to Club members for various purposes, including membership lists, without prior notification.

You may give this completed form to the MARC treasurer, or you may mail it to:

**MARC, PO Box 1049, Midland, MI 48641-1049**