



# THE SCOPE

October 2002

October 4, 2002

## Michigan HamFests for OCTOBER

**Oct 13-CMARC Hamfair**  
Phone: 517-646-6257

**Oct 19-20--Algoma Chippewa ARES/RACES Net & Eastern Upper Peninsula ARC Sault Sainte Marie**  
<http://www.w8eup.org>  
Phone: 906-293-5168 (W) or 906-635-0215 (H)  
Email: wa8old@sault.com

**Oct 27-Utica Shelby Emergency Communication Association**  
Phone: 586-791-4669  
<http://www.useca.org/>

## The "539"

By Dan Harger W8BCI

The Lansing Civil Defense Repeater Association was formed in the 1970's by Jim Holcomb, WA8KZY; Jim was then the director of emergency communications for the City of Lansing. Its main function is the operation and maintenance of the four repeaters, 145.39 Mhz, 146.94 Mhz, 146.70 Mhz and the 224.98 Mhz system. The 145.47 IRA link repeater is also maintained by LCDRA, however, the equipment is owned by the IRA.



**The 145.39 repeater tower**  
Photo s courtesy of Bruce Rainey

### ATTENTION!

**SPECIAL BOARD MEETING FOR LCDRA AND CMARC REGARDING HAMFAIR AT 6:30PM IN THE KROPSHOT ROOM AT RED CROSS. OCTOBER 4, 2002**

Jim Harvey, KA8DDQ, has been involved in the technical side of obtaining and operating the repeaters from early on. Jim says the .39 was put on in April of 1979. Somewhere along the line a Maggorie repeater was obtained because it has been used for backup when the later model unit, the Motorola MICOR, failed because of mice. Jim was the person that obtained the MICOR early, when they were not available as surplus, as they are today.

As president of LCDRA my part in this has been to backup Jim's efforts with as much Motorola equipment as possible. Presently we have two MICOR repeaters at the Dobie repeater site, repeaters A and B. Jim also has a complete third unit at his place for back up if either of these units were to fail. Currently we have a separate simplex UHF control station at the Dobie site so that we can control repeaters A and B by remote, this is, away from the site itself. The control station allows us to turn the repeaters on and off, go to either A or B, or turn off the AC power to the repeaters to allow us to exercise the battery backup that each unit has. All three repeaters A and B and the control station have their individual NICAD type 12 volt batteries.

At Ingham Medical, where the .94, .70 and the 224.98 repeaters operate, we have backup for all of these machines as well. The control station for Ingham is currently being completed at my place, as is the 224.98 machine. The .94 and the 224.98 machines are both Motorola MICOR units. The .70 machine is a Motorola MOCOM 70 unit. We also have a Maggorie repeater if either of the MOCOM 70 units fail. The MICOR 224.98 machine is completed waiting for programming the CAT 200 controller.

All repeaters in the LCDRA group have a PL of 100 Hz, except the 224.98 machine which is standard squelch. The newer MICOR machine, about to be taken to Ingham, will have PL on transmit as well as the receiver, however, the receiver decoder will be left off at this stage. It has been installed in the unit,

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**CMARC BOARD MEMBER CONTACT INFORMATION**

**Mike Rhew KC8DBP: Ph (989) 725-1853 or KC8DBP@arrl.net - President**  
**Kenneth Faiver W8HNI: Ph (517) 321-8170 or kfaiver@vovager.net - Vice President**  
**Candy Coburn KC8QZF: Ph (517) 349-7120 or KC8QZF@arrl.net - Treasurer/Acting Secretary**  
**Bruce Rainey KC8ODP: Ph (517) 627-9118 or KC8ODP@arrl.net - Director**  
**Gregg Mulder WB8LZG: Ph (517) 646-6257 or gregg.mulder@qualxserv.com - Director**  
**Robert Bowe N0OBC: Ph (517)663-8999 or robertb@acd.net - Board Member at Large**  
**Tyler Whitney KC8NSB: Ph (517) 337-9749 or KC8NSB@arrl.net - Under 22 Director**  
**John Ingraham NG8L: Ph (517)484-8027 or NG8L@arrl.net - Membership Chairman**

**LCDRA BOARD MEMBER CONTACT INFORMATION**

<b>Dan Harger W8BCI (517) 882-8784 W8BCI@arrl.net</b>	<b>Bruce Rainey KC8ODP (517) 627-9118 KC8ODP@arrl.net</b>
<b>Don Rickerd W8BQD (517) 339-8496</b>	<b>Dennis Boone KB8ZQZ (517) 337-0857</b>
<b>Troy Creed W8TCC (517) 323-6358 W8TCC@arrl.net</b>	<b>Hal Bell W8LAY (517) 484-0962</b>
<b>Scott Newfer W8SRN (517) 381-8148</b>	

The "539" continued.

however, if we need to use it.

## QRP plus Tall Pines = "Big Fun"

By Gregg Mulder, WB8LZG

Ever try operating portable from somewhere away from home without all of the things you take for granted at your home station? This Labor Day weekend I had the opportunity to go "Field Day" style from my sisters cottage up in Lake City, Mich. This was an exciting prospect for me because they have some VERY tall pine trees on the property. ( 100 ft + ) This was a family weekend with the typical barbeque, swimming, water skiing, and of course Ham Radio!

Due to many years of "Practice" at Field Days I took my trusty fishing pole and set my sites on the tall pines. After quickly getting some lines up in the trees I soon had a 40 meter dipole up at about 50 ft. I wanted to get it up higher but was

limited by the line on my fishing reel. Even so 50 ft. is higher than I am able to get one up at home. After things slowed down around the campfire I took out the rig and fired up my QRP rig on 40.

There was plenty of action on and it didn't take long to rustle up a contact. First QSO was with a ham in Missouri. then North Carolina, and then another fellow Qrp-er in Murphy Lake, Mich. who happened to be doing the same thing that I was! We rag chewed for over an hour about "sand between yer toes, and burnt marshmallows" and finally said our 73's and "pulled the plug for the night"

The next couple of nights were filled with more great QSO's too. I worked one ham near Akron, Ohio who was using a TAC-1 homebrew transceiver and battery, and another using an old Heathkit HW-16 ( one of the rigs I started with as a Novice 30 years ago! )

**Continued on Page 3**

**Weekly Local FM Information Nets**

**Check in often and show your support!**

Central Michigan Info- 145.39 SUN- 20.30 100 PL.  
ARPSC simplex- 146.58 MON -20:30 NO PL  
DTACS- 146.940 TUE-19:00 100 PL  
6 Meter-Simplex- 152.525, 147.28, 444.575 NO PL SUN, 21:00  
ECARC- 147.08/443.63 SUN- 20:00  
QCWA- 146.7 TUE- 20:00 100 PL  
CCARA-146.86/ 444.85-(141.3 PL) / 146.48-(simplex) THUR-20:00

**QRP plus Tall Pines, Continued**

This was certainly a very successful weekend of QRP operating. I was only using 2 watts and battery power, but with a good antenna I was able to work everyone I heard.

All QSO's were "Rag Chew" style, and very relaxing, many with other operators who were QRP also. Alas all good things come to an end, and the weekend was over to soon. The lines were untied and soon had the antenna and gear stowed away in my brief case. While I have operated from many places portable QRP this was one of my better ones. I would like to encourage everyone to try this kind of operating sometime if you get the chance, it's very rewarding and most of all FUN!



**CENTRAL MICHIGAN AMATEUR RADIO CLUB  
 TREASURER'S REPORT**

September 6, 2002

Account Balances  
 As of September 6, 2002

ASSETS:

Cash & Bank Accounts	
Mich Nat'l Bank Checking	\$ 274.01
Postal Deposit	<u>70.32</u>
<b>TOTAL Cash &amp; Bank Accounts</b>	<b>\$ 344.33</b>
Other Assets	
Comerica Bank CD	\$1,488.04
<b>TOTAL ASSETS:</b>	<b>\$1,832.37</b>

LIABILITIES: \$0.00

**TOTAL NET WORTH: \$1,832.37**

Income & Expenses  
 August 2 to September 6, 2002

INCOME 0.00

**TOTAL INCOME: 0.00**

EXPENSES

Gregg Mulder-Hamfair mailing	93.88
ARRL Outgoing QSL	0.00
LCDRA Dues	0.00
ARRL Dues	0.00
Service Charges	<u>10.00</u>

**TOTAL EXPENSES: \$ 103.88**

**TOTAL NET PROFIT: \$(103.88)**

Transferred from Checking to  
 US Postal Deposit Account \$ 0.00

Respectfully Submitted

Candace Coburn, KC8QZF  
 Treasurer/Acting Secretary

# 31<sup>st</sup> ANNUAL Amateur Radio and Computer Show

## Ham Gear & Electronics

Sponsored by  
**The Central Michigan Amateur Radio Club**  
 And the  
**Lansing Civil Defense Repeater Association**  
**Sunday, October 13, 2002**

**8:00 AM – 1:00 PM**

Door Prizes/Grand Prize at 1:00 PM

### Location:

Lakeside Christian School  
 7868 M78 Highway  
 East Lansing, Michigan  
[www.qsl.net/lcdra/  
hamfair2002.org.htm](http://www.qsl.net/lcdra/hamfair2002.org.htm)

**For More Information/Table Sales  
 contact: Gregg Mulder WB8LZG  
 Phone: 517-646-6257  
 C/O CMARC  
 PO Box 27321  
 Lansing MI 48909-7321**

- VENDOR SETUP IS FROM 5:00AM – 8:00AM. EASY VENDOR ACCESS.
- TICKETS \$5.00 AT THE DOOR (NO PRESALES). CHILDREN UNDER 12 FREE.
- TRUNK SALES \$10.00 PER SPOT. ADVANCED RESERVATION DEADLINE SEPTEMBER 1<sup>ST</sup>.
- TABLE SALES \$12.00 PER 8FT TABLE RESERVED AFTER SEPTEMBER 1ST.
- \$10 PER TABLE BEFORE SEPTEMBER 1ST DEADLINE.

### AMATEUR RADIO LICENSING AND UPGRADE TESTING

REGISTRATION AT 9:30 AM

CONTACT JOE DENOMME AT (517) 589-5263

**Talk In Frequencies - 145.390 MHz, 100 Hz PL, Standard Offset, -Duplex  
 146.520 MHz, Simplex**

### Central Michigan Amateur Radio Club Minutes of the Meeting (Sept 6, 2002)

The meeting was brought to order by club president Mike Rhew (KC8DBP) at 7:45pm.

#### Visitors and Attendance

5 Visitors and 21 members attended.

#### Upgrades and New Licenses

None noted

#### Speakers

Dave Birdsley-KF8WS- from Ham Threads demonstrated his monogrammed and embroidered clothing. Lots of great shirts, jackets, and hats for great prices.

Gregg Mulder also brought in his home brew transceiver to show how it was made and the schematics used for building it.

#### Announcements

- Help wanted for committees. Looking for volunteers to help set a club budget next year.

#### Old Business

- August Secretary and Treasurer reports motioned by Bernie Gaffney N8PVZ to be accepted as published in the September SCOPE, seconded by Bruce Rainey KC8ODP. Passed.
- Ken Favier-W8HNI requested some future programs for meetings.
- Gregg picked up donated HP Laserjet IIIsi printers-total of four. 2 are working, one is not working, and the last one is

**Continued Page 5**

# October 2002

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

**October**

**Oct 1**– Juan Pizano Sr, N8YQR Birthday  
**Oct 4**– **CMARC September Meeting**, 7:30pm Red Cross Bldg **NOW**  
**DOWNSTAIRS**, Lansing  
**Oct 4**– Shirley Pittenger, KB8LTR, Birthday  
**Oct 5**– Wayne Atkinson, AB8MI, Birthday  
**Oct 5**– **539 Breakfast**, Copper Skillet, N. Larch, Lansing  
**Oct 7**– **DTACS Meeting**, 7:00pm, Delta Twp Fire Station #1  
**Oct 10**– Ken Fuller, W8VVR, Birthday  
**Oct 13**-**HAMFAIR-LAKESIDE CHRISTIAN SCHOOL 8-1 PM**  
**Oct 14**– Robert Mann, WD8OEV, Birthday  
**Oct 25**– **Deadline for SCOPE articles**  
**Oct 31**-**HAPPY HALLOWEEN**

**Anniversaries**– Fitzgerald-10/4, Crawford-10/4, Alhaddad-10/6, Jackson-10/9, Clark, 10/18, Denomme-10/26.

Please contact [KC8QZF@arrl.net](mailto:KC8QZF@arrl.net) or phone 349-7120 for corrections or additions.

## General Meeting Minutes continued

- unknown. Candy printed off September SCOPE using one of them.
- Candy, KC8QZF had no cards or flowers report. Gregg fully recovered from his knee surgery. Art, N8GY recently had leg surgery and will have his foot operated on. No members reported to receive cards or flowers.
  - Ham Fair report- Gregg reported it is a go. Anticipates 40 or more tables reserved. Put out volunteer list for Ticket takers, Talk-in...we need LOTS of help on the day of Ham Fair.
  - Bruce talked about the mail database he created of the licensed HAMS in this immediate area. He counts 846 licensees. Has them sorted by location, name, call, and the area around Delta Township.

### New Business

- Board Member vacancies for next year. Start getting ideas of who to nominate and bring to October meeting
- Dick- KI8C gave away three 7 amp gel Cells to some members. Dick also took over the volunteer job of bringing Snacks for each meeting. THANK YOU DICK!

Meeting to be adjourned at 9:15pm. Motioned by Don Defeyter (KC8CY), seconded by Wayne AB8MI. Approved



**CENTRAL MICHIGAN AMATEUR  
RADIO CLUB  
PO BOX 27321  
LANSING MI 48909**

PRESORT STD  
U.S. Postage  
PAID  
Lansing MI  
Permit 919

Mailing Address Line 1  
Mailing Address Line 2  
Mailing Address Line 3  
Mailing Address Line 4  
Mailing Address Line 5



[www.qsl.net/cmarc](http://www.qsl.net/cmarc)

*80 Years of Service to Our Community!*

[www.qsl.net/lcdra](http://www.qsl.net/lcdra)



Address or Email change? Please make corrections on this page and mail back to: John Ingraham-NG8L, Membership Chairman, 2807 Greenbriar Ave., Lansing MI 48912  
Or email changes to: [NG8L@arrl.net](mailto:NG8L@arrl.net) or [KC8QZF@arrl.net](mailto:KC8QZF@arrl.net)

## *THE SCOPE October 2002*

**It's never too late to join and support the clubs!  
Here's how:**

**CMARC**- Full membership \$10 per year. Associate membership \$5 per year.

Please make check or money order to **C.M.A.R.C and mail to: John Ingraham-NG8L, Membership Chairman, 2807 Greenbriar Ave., Lansing MI 48912**

Name \_\_\_\_\_ Call \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone ( ) \_\_\_\_\_ License class \_\_\_\_\_

ARRL Member? Yes or No Email SCOPE? Yes or No

Birthday \_\_\_\_\_ Wedding Anniversary \_\_\_\_\_

Email Address \_\_\_\_\_

As a licensed Amateur, you can sign up today as a FULL member of CMARC. You will have voting rights as well as an annual subscription to the SCOPE. As an ASSOCIATE, you have an annual subscription to the SCOPE, but no voting rights.

**LCDRA** -Membership \$15. For additional family members, please add an additional \$7.50 per person.  
(Dues cover annual membership from January to January)

Send check or money order to: **L.C.D.R.A. PO Box 80106, Lansing MI 48908**

Name \_\_\_\_\_ Call \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone( ) \_\_\_\_\_ License class \_\_\_\_\_

ARRL Member? Yes or No Email SCOPE? Yes or No

Birthday \_\_\_\_\_ Wedding Anniversary \_\_\_\_\_

Email address \_\_\_\_\_

Use of the repeater does not REQUIRE membership, but your support is GREATLY appreciated.