



Central Michigan Amateur Radio Club  
 Lansing Civil Defense Repeater Association  
 P O BOX 27321  
 LANSING MI 48909



# The Scope

June 2003

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**FIELD DAY 2003**  
**June 28, 2003**  
**Gardner Middle School**  
**Jolly Road, Lansing**

**Come enjoy the festivities and  
 rejuvenate your love of amateur  
 radio!**

## FIELD DAY IS.....

### Hamfests for July

Straits Area ARC—  
 Petoskey  
<http://www.w8gqn.org>

**Contact:**  
 Cliff Rosebohm, KC8NVI  
 7574 Hedrick Road  
 Harbor Springs, MI 49740  
 Phone: 231-526-5645  
[kc8nvi@glccomputers.com](mailto:kc8nvi@glccomputers.com)

Well, it's that time of the year again. A time when a ham's fancy turns to thoughts of wire in the trees and hot dogs on the grill! Yes, it's field day!

Field Day is my favorite of all the radio events throughout the year. Why? Because it combines so many different things into one great weekend.

Field Day is more than just a contest or a campout or a cookout. It's our chance every year to show our emergency preparedness. It's our time to demonstrate how to communicate

under adverse conditions and in times of a real emergency.

It's also a time for old timers to pass on some of their knowledge to the new hams coming up in the ranks. It's also a time for friends. I've met many wonderful people over the years and always have fond memories of past Field Days.

In many ways the QRP philosophy of "doing more with less" fits right in. However, the main goal of Field Day is learning. Learning to set up and operate a radio at a moments notice and provide reliable communications.

There are many different lines of thinking on how Field Day should be run. Some hams see it as a contest and the goal to score maximum points, others see it as a radio picnic to come and meet friends and socialize, still others see it as an opportunity to try out a new antenna or new mode that they might not have the gear for at the home QTH.

However you view Field Day, we want you to come out and participate with us this year. This is our biggest club activity (continued on page 4)

## CMARC BOARD MEMBER CONTACT INFORMATION

"Bruce" Rainey	KC8ODP	(517) 627-9118	kc8odp@arrl.net	President
Tom Shaver	KC8NJK	(517) 651-6694	kc8njc@arrl.net	Vice President
Dick McGuire	KI8C	(517) 782-1430	dickki8c@juno.com	Secretary
Randy Stortz	K8VY	(517) 393-0634	rstortz386@msn.com	Treasurer
Clint Hannahs	KC8EHR	(517) 882-1799	kc8ehr@arrl.net	Director
Gregg Mulder	WB8LZG	(517) 646-6257		Director
Kevin Mulder	KC8QZE	(517) 646-6257		Under 22 Director
John Ingraham	NG8L	(517) 484-8027	ng8l@arrl.net	Membership Chair

## LCDRA BOARD MEMBER CONTACT INFORMATION

Dan Harger	W8BCI	(517) 882-8784	w8bci@juno.com
"Bruce" Rainey	KC8ODP	(517) 627-9118	kc8odp@arrl.net
Don Rickerd	W8BQD	(517) 339-8496	
Dennis Boone	KB8ZQZ	(517) 337-0857	drb@msu.edu
Troy Creed	W8TCC	(517) 323-6358	w8tcc@arrl.net
Hal Bell	W8LAY	(517) 484-0962	
Scott Newfer	W8SRN	(517) 373-0786	



### Central Michigan Amateur Radio Club Minutes of the Board Meeting June 6, 2003

The meeting was brought to order by club president Bruce Rainey (KC8ODP) at 7:08 p.m.

The following board members were present for the meeting:

Bruce Rainey (KC8ODP) - President  
Randy Stortz (K8VY) - Treasurer  
Dick McGuire (KI8C) - Secretary  
Gregg Mulder (WB8LZG) - Director  
Clint Hannahs (KC8EHR) - Director

Bruce read minutes from the last (March) board meeting.

The following items were discussed at tonight's board meeting:

? Randy Stortz (K8VY) gave his treasurer's report. Future reports will itemize "expenses" and "income" for LCDRA items.

- There have been no reported marriages, births, deaths, or anniversaries.
- There are no known upgrades.
- If CMARC is incorporated, has it been filing income tax returns? Pam Denomme (KB8PSF) explained to the board that we don't have to if gross receipts are less than \$25,000 per year. However, we should file a non-profit corporate report with the state Corporate and Securities Committee.
- Since CMARC is losing money, the board discussed pro-rating dues. This would give former members a chance to renew at a reduced rate.
- Bruce announced that Dan Harger (W8BCI) and Tom Shaver (KC8NJK) will co-chair Ham Fair this year.

Meeting was adjourned at 7:30.

## Central Michigan Amateur Radio Club

### Minutes of the Meeting

#### (June 6, 2003)

The business meeting was brought to order by club president Bruce Rainey (KC8ODP) at 7:35 p.m.

#### Members

21 members were present at the meeting.

#### Visitors

5 visitors were present.

#### New Members

None

#### Upgrades and New Licenses

None

#### Old Business

The minutes for the previous meeting were approved as published in The Scope.

The treasurer's report was approved as published in The Scope. Moved by Mike Rhew (KC8DBP) and seconded by Gregg Mulder (WB8LZG).

John Ingraham (NG8L, Membership Chairman) announced that CMARC has 196 members, of whom 110 are paid, including 25 life members.

We need Hamfair flyers distributed at the Grand Rapids Hamfest. Volunteers should contact Dan Harger (W8BCI).

Ladies' Night (May 3) had 16 attendees; 16 are paid. CMARC has had a total of 140 silent keys. This year's Ziegenbier Award went posthumously to Mark Humphreys (N8DEF). Per Bruce Rainey (KC8ODP) attendance was low. Bruce also reported that CMARC loses money at Ladies' Night.

Field Day will be at Gardner Middle School this year. The former location, Camp Kiwanis, is under new ownership and wanted to raise the

rental to \$205.

1. Per Clint Hannahs (KC8EHR) we still need a chair for hf voice; we have one for cw.
2. Saturday's schedule will include a hot dog lunch and a potluck supper.
3. We need to gather ham radio information for a display which will explain ham radio to outsiders.
4. We need people to contact news media.
5. We needed a logging program chairman, but Ron St. Laurent (ND5S) offered to handle it.
6. Gregg Mulder (WB8LZG) may do QRP on cw.
7. Kevin Mulder (KC8QZE, son) will run the Get-on-the-Air (GOTA) station.
8. Field Day is on June 28 - 29 this year.
9. CMARC will ask for a refund of the deposit on the Camp Kawanis.

#### New Business

Our website is on QSL.net, which needs money. CMARC will donate \$50. Moved by Mike Rhew (KC8DBO) and seconded by Pam Denomme (KB8PSF).

The Scope will be entered in a competition of newsletters.

We discussed the coming drill in Delta Township. Hams will be included in the drill.

#### Announcements

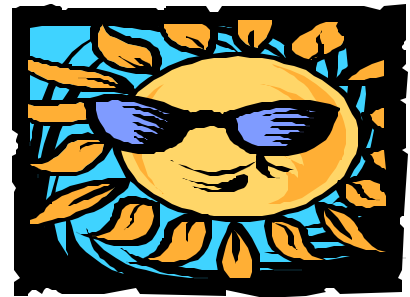
Per Don Tillitson (WB8NUS) ARRL has red vests for \$10. Don also mentioned Women on Wheels (WOW) on July 19.

Hamfair will be on October 11.

Bruce Rainey (KC8ODP) read a letter on amateur Radio and Rob Dale's contract renewal. Rob appears to be in significant negotiations.

Clint Hannahs (KC8EHR) reported on the tri-county drill the previous Tuesday.

Meeting adjourned an approximately 9 p.m. Moved by Rhew (KC8DBP) and seconded by Clint Hannahs (KC8EHR).



#### From the Editor:

You'll notice that the Scope is a little smaller this month. With Field Day coming up, it was decided that the Scope would be out a little earlier this month in the hopes that it will remind people to come out and enjoy the festivities of Field Day.

My plan was to have had this in your hands at the beginning of this week but due to a family matter that took me out of state last week, this is getting to you a bit late.

As a perspective ham (no, I still don't have my ticket!), I am looking forward to seeing how things work in this type of an environment (and to check out how Gregg, WB8LZG, is going to manage fishing in the trees!!!).

Watch for next month's Scope with all the scoop on this year's Field Day!!

73's Evelyn



# FIELD DAY IS.....

(cont'd from page 1)

of the year so I'd like to see as many members as possible there, and please feel free to bring a friend or family member who may be interested in ham radio.

Field Day may just be the "spark" they need to become interested in being a ham. It may also revitalize your outlook on ham radio too! No matter what your reason for coming to Field Day - don't forget the most important one, FUN! That's right FUN. In my 30+ years of doing Field Days that's what keeps me coming back for more. Hope to see you there! (I'll be the one fishing in the trees!)

73's



WB8LZG Gregg

## Did You Know?

*The superstition that breaking a mirror brings seven years bad luck has been around since ancient times. A real reason for fear was introduced in the 15th century when the first glass mirrors with silver backings were made. They were very expensive, so only the wealthy could afford them. A servant who broke one was in big trouble — perhaps for longer than seven years..*

## For Sale

Kenwood 530S Transceiver. 162 through 10 meters. Good condition. Contact Dick Stortz, K8JNZ, 517-323-4598.

# Attention All Amateurs...



**League Warns of Bogus Solicitation**  
(Jun 25, 2003) -- NEWINGTON, CT. Somebody out there is trying to "sell" subscriptions to *QST*, but it's not the ARRL. ARRL Customer Service/Circulation Manager Kathy Capodicasa, N1GZO, said she has received several phone calls and e-mails from members reporting the scam."

Apparently, there is some kind of bogus telephone solicitor out there trying to get people's names, addresses and credit card numbers," she said. "ARRL does not solicit for 'subscriptions' to *QST*. Under no circumstances should a member give out their credit card numbers to someone trying to sell them *QST*."

*QST* is the official membership journal of the ARRL and is not available to the general public from a magazine distributor or publishing house.

Should you receive a call from the phony solicitor, Capodicasa asks that you try to get the solicitor's name and check the caller ID box, if one is installed, for the caller's number. The information can be e-mailed to her at [n1gzo@arrl.org](mailto:n1gzo@arrl.org), or you can reach her at 860-594-0257.

## Lure Away Wasps

*If wasps are making your outdoor activities miserable, lure them away with a little sugar water in a plastic food container. Cut a small hole in the lid and snap it on over the sugar water. The wasps will be drawn in and trapped inside.*

# How to Build Your Own Battery

As the proud owner of an Elecraft K2 and now a new Buddy Pole dipole antenna from W3FF antennas at Dayton, I decided it's time I get serious about doing some portable hammin' from a picnic table here and there.

The K2 has it's own built-in 2.9Ah gel cell battery that would work very well for limited portable use (10-12 hrs) but shortly after I purchased my Buddy Pole antenna, Budd W3FF, sent me a photo of a neat battery box that not only supplied power to whatever rig you had attached but also served as a VERY STABLE base support for the 12ft painter pole that is commonly used to support the Buddy Pole Dipole (40-2 meter dipole). Using Budds photo as a guide line, I reworked the dimensions of the battery box to fit a 105Ah deep cycle battery that I had on hand.

Budd had his built out of 1/2" plywood but having lots of 3/4" plywood left over from some projects, I decided to go Heavy Duty. You'll have to figure out which battery you have available and build the box to match. I built my box approximately 1/4" larger than the battery.

After building the box, I sanded and filled in my "Divots" with wood filler, primed the box with two coats of good primer and applied 2 coats of Apple Red paint. A friend who owns a sign shop applied my call letters and the RACES signs to the sides of the box. I then covered



the signage with Plexiglas to protect them.

The output power connections I also got from Dayton. From each pole of the battery, I have inline 40 Amp fuses going to a 50 amp Anderson Power connector. The matching 50 power pole connector has 4 sets of smaller Anderson Power pole connectors attached so you can run up to 4 separate radios or accessories from this one battery.



I enjoyed the project. It took me about 3-4 hours of work after I decided exactly what I wanted to do and how I wanted it to look. Come on out to Field Day and see the finished project.

vy73' Steve W8CRH

**REMINDER!!**  
**CMARC Meeting**  
**Change**  
 Due to July 4th falling on the first Friday of the month, the CMARC meeting has been moved to Friday, July 11.

## CENTRAL MICHIGAN AMATEUR RADIO CLUB TREASURER'S REPORT June 24, 2003

Account Balances  
 As of June 24, 2003

ASSETS:

Cash & Bank Accounts	
Mich. Nat'l Bank Checking	\$ 1,068.71
Mark & Marilyn Humphreys' Fund	\$ 445.00
<b>TOTAL Cash &amp; Bank Accounts</b>	<b>\$ 1,513.71</b>

Other Assets:

Comerica Bank \$1,000.00 CD	\$ 1,515.22
Interest due CMARC CD Total worth to date	\$ 2.55
Mark & Marilyn Humphreys' Fund	\$ 445.00
<b>TOTAL ASSETS:</b>	<b>\$1,962.77</b>

<b>LIABILITIES:</b>	<b>\$0.00</b>
<b>TOTAL NET WORTH:</b>	<b>\$ 3,03148</b>

Income & Expenses  
 May 30 to June24, 2003

INCOME:

Dues	\$ 60.00
Directory sales	\$ 7.00
LCDRA Payment-Scope	\$ 33.17
<b>TOTAL INCOME:</b>	<b>\$ 100.17</b>

EXPENSES:

Printing (Scope)	\$ 43.14
Stamps (Scope)	\$ 37.00
Service Charges, Bank Checking	\$ 10.00
QDL Bureau	\$ 4.00
<b>TOTAL EXPENSES:</b>	<b>\$ 94.14</b>

<b>TOTAL NET PROFIT:</b>	<b>\$6.03</b>
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Respectfully Submitted by:

Randall Stortz, K8VY  
 Treasurer

## SkyWarn Activated

SkyWarn was activated on June 8, 2003 when a number of storms rode through the Mid-Michigan area.

As the weather turned ugly, the ham radio in our house got turned on to listen to Net Control and the SkyWarn volunteers as they kept us informed of the storms' progression.

Sure enough, they started talking about hail in Holt and five minutes later, we had hail. The volunteers were all over the place, from the Leslie area all the way to Williamston following the storm.

Some of the volunteers included:

- WC8LAN (Net Control)
- KC8UXY

- KC8WJY
- KC8DHR
- KC8RWX
- KC8SLJ
- KC8EHR
- WD8SDW
- WC8HER

Hopefully, I caught everyone and got their calls correct! Everything was happening so fast and calls were being said so quickly that I will really be surprised if I got them all correct!!!!

As you can see from the pictures on the right, they were some beautiful storms, but they also did some real damage as well.

Evelyn Sitterson




W	A	T	S	H	V	I	E	S	P	R	E	C	N	A	D	E	P	M	I
C	U	N	C	G	F	R	E	Q	U	E	N	C	Y	B	O	P	O	L	R
A	O	R	K	R	W	X	I	D	N	A	T	Y	M	A	T	O	U	O	Z
P	N	M	I	O	E	G	A	T	L	O	V	U	C	S	P	S	N	I	L
A	O	N	M	J	F	W	E	O	N	E	C	S	M	K	B	C	F	D	L
C	N	O	B	U	W	X	O	P	Y	M	Q	O	I	V	T	I	H	A	O
Q	Y	N	B	R	N	C	O	P	T	V	D	B	I	P	O	L	A	R	I
U	C	D	E	W	O	I	T	B	G	U	L	R	Q	C	A	L	M	R	Z
E	A	N	Y	T	F	O	C	P	L	B	Q	O	W	E	R	A	T	Y	U
I	P	O	P	A	N	S	D	A	F	G	H	A	Y	J	K	T	L	Z	R
X	A	C	V	B	N	A	T	M	T	M	Q	D	L	W	E	R	T	Y	E
Y	C	U	I	O	P	I	A	A	S	I	D	B	P	F	G	O	C	H	T
J	I	K	L	Z	O	X	C	T	V	B	O	A	P	N	M	N	Q	W	T
E	T	T	R	N	T	Y	U	U	I	O	P	N	U	A	E	S	D	F	I
G	A	H	N	J	K	L	Z	E	X	C	V	D	S	G	B	N	M	Q	M
P	N	L	M	E	N	K	O	R	I	U	J	N	R	Y	W	A	T	T	S
H	B	V	G	T	R	R	F	C	X	D	E	E	W	S	Z	A	Q	P	N
O	M	I	N	U	B	R	Y	V	T	C	M	R	X	E	Z	W	Q	A	A
G	L	A	K	S	J	F	U	P	W	E	N	Q	C	K	X	U	D	P	R
R	E	S	I	S	T	A	N	C	E	V	R	H	L	O	U	T	P	U	T

Amateur	Communications	Modulation	Resistance
Antenna	Current	Oscillation	Supply
Bipolar	Emergency	Output	Transmitter
Broadband	Frequency	Power	Voltage
Capacitance	Impedance	Radio	Watts

# July 2003

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4 Independence Day 	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		

## July Schedule of Events

- July 7 DTACS Meeting**  
7:00 p.m., Delta Township Fire Station
- July 11 CMARC Meeting**  
7:30 p.m., Red Cross Building, Lansing

### Birthdays

- July 1 Tyler Whitney, KC8NSB  
 July 5 Clint Hannahs, KC8EHR  
 July 5 Inez Pearson, KY8V  
 July 6 Doug Warner, KC8TIQ  
 July 14 William Cote, WD8NYW  
 July 14 Charles Stahl, N8DWI  
 July 18 Kurt Niemeyer, KC8QYV  
 July 30 Douglas Goodrich, N8ECL  
 July 31 Greg Hiscock, WA8DLI

## Upcoming Events

### Mark Your Calendars!!!

- July 12-13 MS Bike-a-thon**  
Howell to Lansing
- July 19 Women on Wheels**  
Mason High School
- October 11 Ham Fair**  
Lakeside Christian School  
Old 78 Highway  
69 and Marsh Rd



Address or Email change?  
Please make corrections on this page and mail to:

John Ingraham/NG8L, Membership Chairman  
2807 Greenbriar Avenue  
Lansing, MI 48912

Or email changes to: NG8L@arrl.net

[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)

Remember America's Heroes



Central Michigan Amateur Radio Club  
Lansing Civil Defense Repeater Association  
P O BOX 27321  
LANSING MI 48909



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

Please make check or money order payable to CMARC and mail to: John Ingraham/NG8L, Membership Chairman, 2807 Greenbriar Avenue, Lansing MI 48912.

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

Address: \_\_\_\_\_

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

Phone: ( ) \_\_\_\_\_ License Class: \_\_\_\_\_

ARRL Member?  Yes  No

Email SCOPE?  Yes  No

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

Birth day: \_\_\_\_\_

Wedding Anniversary: \_\_\_\_\_

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 per year (January to January)  
Additional family members: \$7.50 per person

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

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

Address: \_\_\_\_\_

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

Phone: ( ) \_\_\_\_\_ License Class: \_\_\_\_\_

ARRL Member?  Yes  No

Email SCOPE?  Yes  No

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

Birth day: \_\_\_\_\_

Wedding Anniversary: \_\_\_\_\_

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