



# THE SCOPE



**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

DTACS-146.940, TUE, 19:00,  
100 PL

6 Meter-Simplex, 52.530/147.28,  
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

Please let us know your NET  
time and date to add to the list!

Email: [KC8QZF@arrl.net](mailto:KC8QZF@arrl.net) with  
the information

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## Jaymes Kenyon-KC8DJH Wins Ziegenbein Award!

By Julie McLain

On May 11<sup>th</sup> the annual Ladies Night/Awards Banquet was held at Coral Gables in East Lansing. We had a fairly nice turn out with about 23 people in attendance. The meals, as usual, were delicious and the waitress assigned to us did a superb job of making sure we were all served promptly and that our coffee cups were filled and hot!

When everyone had finished their meals Jaymes Kenyon/KC8DJH,

our guest speaker, talked to us about his "volunteer" jobs as Sky Warn Net Control and as an Assistant Emergency Coordinator for Ingham County. It was very interesting and Jaymes even took time to answer questions asked by many of the attendees. When Jaymes was done then I, as this year's Ziegenbein Chairman, came forward to present the Award. I read my speech and announced that this year's winner of the very prestigious Ziegenbein Award was Jaymes Kenyon/KC8DJH. Everyone heartily congratulated him as he accepted his plaque and before Jaymes had a chance to walk away, I told the group that because Jaymes had never attended any of the past Banquets and probably wouldn't this one either, I was able to get him here under the "pretense" of being our guest speaker. This ploy had worked perfectly as no other entertainment was planned for the evening and the members present got to see for themselves why Jaymes was so deserving of this award.

Once again, I would like to say, "Congratulations, Jaymes, and best wishes as you attend college in the fall to prepare for your future!"

**Julie's Ziegenbein Presentation speech**

Tonight we honor a person who, in the spirit of Ralph Ziegenbein, has been an ambassador for the Central Michigan Amateur Radio Club in particular, and Amateur Radio in general.

This individual's great love for the Hobby has been exemplified by graciously donating personal time and



Left to Right: Jaymes KC8DJH, Clint KC8EHR, Erv W8ERV, and Julie KC8ZXR

talent in serving on CMARC's Board of Directors, and working hard to make sure our Ham Fairs were a success, as well as participating in such events as "Science Day at the Mall", Field Day, JOTA, and what all Hams love the best... SKYWARN.

In 1999, this outstanding person was made the youngest SKYWARN Net Control Operator ever in our area, and also became Ingham County's youngest Assistant Emergency Coordinator—all such big and demanding positions for someone who is still in High School, and working part-time.

In all of the events and activities in which this extraordinary Ham has participated in throughout the past few years, it has always been very evident that nothing was ever done for the purpose of self-seeking or attention-getting, but was always done in the spirit of humility and self-sacrifice. Knowing this fact makes the awarding of this plaque even more special. It is with sincere pleasure that I present the 2001 Ziegenbein Award to someone who has excelled, not only in this great Hobby, but also in his young life. Please help me to congratulate Mr. Jaymes Kenyon/KC8DJH.

**CONGRATULATIONS**, Jaymes, on a job well done...the future awaits you and we wish you the best!!

**Award Committee:** Julie McLain/KB8ZXR, Chairman; Pam Denomme/KB8PSF; Erv Bates/W8ERV

**Central Michigan Amateur Radio Club Minutes of the Board Meeting (April 5, 2002)**

The meeting was brought to order by club president Mike Rhew (KC8DBP) at 7:00 pm. This was a closed board meeting.

The following board members were present for the meeting:

Michael Rhew (KC8DBP) - President, Ken Faiver (W8HNI) - Vice-President, Candace Coburn (KC8QZF) - Treasurer, Bruce Rainey (KC8ODP) - Director

The following items were discussed the board meeting:

- Agenda to be discussed is the club activities, financial outlook, volunteers, and specific media that represent CMARC.
- Mike said Joe, K8VYS, contacted him. Joe would help request and secure volunteers to make Field Day happen. Ken mentioned that even though he is very busy in June, he would offer to co-chair Field Day and set up CW station. Mike will put the concern out to the membership for ideas and feedback on whether this event will work, or if it needs to be cancelled.
- Bruce added that the Web Site, Scope, and any other public materials be defined by the board who will set standards and policy. Future members will then have a guideline to follow to continue the success and value of these materials. Current elected Board will discuss setting budgets for the main events held every year for the incoming elected Board.
- Bring up concerns to the membership tonight to find out how they feel about the Treasury, state of the club and the events not having any volunteer participation.

The meeting was adjourned at 7:35 pm.

**(Ziegenbein, Continued)**

Julie Kenyon, Jaymes' mother, said, "Jaymes was licensed at the age of 12 and had also influenced his dad, Dave Kenyon and a good friend to join the hobby." She also gave the club all the kudos for helping Jaymes grow in the hobby since she and her husband did not know much about amateur radio. The credit is justly due to her and Dave for developing such a fine young man to work with. Thank you for sharing Jaymes with us all these years and we look forward to all future news of his successes.

**(Editor's note: I am concluding the article with an email I received from Jaymes with all his comments unedited. It is a wonderful story and more adequately stated than any words I can put together.)**

Hi Candy...

Thought I would give you a few remarks via email as you requested.

The story leading up to the awards night is a little humorous itself. Julie McLain, KB8ZXR, the Ziegenbein committee Chairperson, was concerned about getting me to attend in the first place, given the fact that I had never gone in years past (and besides, I am a high school senior, hihi). Julie had called my home weeks prior and reached my mother, at which time my mother was told that the committee had decided upon myself as the recipient. The two arrived at a plan: it was "automatically" decided I would go, mainly because my parents said they wanted to learn more about what the group was all about. Julie called again some time later and asked me to prepare some remarks about the happenings with SKYWARN, due to the fact that there would be no formal entertainment this year at the dinner. My discussion was to fill the "entertainment slot" for the evening. I thought it was neat to receive a personal invitation, but thought nothing more of it.

The SKYWARN discussion went well at the dinner, and Clint was there to help fill in my blanks. I was very surprised to have been selected for the award. After all, the award seems fit for an older person...a person with more time as a club member, who has been "super" active in ALL club functions ( haven't).

It meant a lot to have Don Devendorf present at the ceremony. Don knew Mr. Ziegenbein personally, and provided a few remarks on what the award is really all about.

All in all, the evening was very special. It was great to see everyone there, but I was especially glad to have Julie, Don Tillitson, Clint Hannahs, and Erv Bates there. With the realization that things would be changing over the next few months for myself, I felt it necessary to

share a few words with each of them after the ceremony. Erv and Julie & Don McLain (Don could not be present) were among the first to welcome me to the hobby back in 1996 (when I was 12). Not only did they help with getting me successfully on the air, but they also made the first experiences just plain great. I really believe that any newcomer to any hobby, including ham radio, must be embraced and feel welcome in order to continue on. And that's exactly what they provided for me. Joe Denomme also comes to mind, who was very willing to help out as I took on more involving endeavors in the hobby. Don Tillitson recognized my SKYWARN ambition years ago, and even allowed me to work as a substitute net control when he left town. Interestingly, the great local severe weather events of the past few years always seemed to occur whenever Don was out of town, leaving me with net control! (hihi) Don and Clint both gave me the ultimate opportunity (and challenge) when they selected me as the new SKYWARN net control. I really appreciate them keeping faith with me as I attempted to fill Don's responsibilities. These are just a few of the great people who made it special for me, but there are so many.

My time with CMARC has been wonderful. The spirit of the members of CMARC, and amateur radio in general, is like nothing else in the world. I thank CMARC for the very special experiences it has provided. The Ziegenbein Award is surely an honor, but many great people have helped me along the way, and they know who they are. I want them to share in this honor.

As for my future, I will attend Valparaiso University (Valparaiso, Indiana) to study meteorology. I will also join the U.S. Air Force Reserve Officer Training Corps (ROTC) through the University of Notre Dame to undergo officer training. Upon graduating and receiving a commission as a second lieutenant, I will go on active duty in the U.S. Air Force. I will then volunteer for additional intensive training to become an airborne special operations commando in the Air Force's Special Tactics Squadrons. While involved with Air Force Special Operations Forces (SOF), I will participate in strategic reconnaissance missions and deploy frequently with other SOF units of the Army and Navy, literally "forecasting on the go" to support special operations missions whenever weather is critical to mission success.

After doing some military service, if it is not a lifelong career, I might begin a position with the National Weather Service.

Thanks, Candy, for your time. Let me know if there is anything else I can provide.

Regards,  
Jaymes

## CENTRAL MICHIGAN AMATEUR RADIO CLUB TREASURER'S REPORT

April 5, 2002

Account Balances  
As of April 5, 2002

## ASSETS:

Cash & Bank Accounts	
Mich Nat'l Bank Checking	\$ 686.02
Postal Deposit (PO statement)	<u>119.58</u>
TOTAL Cash & Bank Accounts	\$ 805.60

## Other Assets

Comerica Bank CD	\$1,488.04
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TOTAL ASSETS:	\$2293.64
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LIABILITIES:	\$0.00
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TOTAL NET WORTH:	\$2293.64
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Income & Expenses  
March 1, 2002 - April 5, 2002

## INCOME

Dues Deposited -(amount includes ARRL new member rebate amount of \$30.00 and \$2.00 snack overage)	<u>278.00</u>
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TOTAL INCOME:	\$ 278.00
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## EXPENSES

SCOPE Mailing-Feb	\$ 47.89
SCOPE Mailing-Mar	46.94
ARRL Outgoing QSL	0.00
LCDRA Dues	0.00
ARRL Dues	56.00
Polack Corporation (Ink)	91.58
Julies Project-memorial C/o Steve Dible	25.00
Service Charges	<u>10.00</u>

TOTAL EXPENSES:	\$ 277.41
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TOTAL NET PROFIT:	\$ .59
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Transferred from Checking to US Postal Deposit Account	\$ 0.00
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Respectfully Submitted

Candace Cobum, KC8QZF

## CENTRAL MICHIGAN AMATEUR RADIO CLUB TREASURER'S REPORT

May 3, 2002

Account Balances  
As of May 3, 2002

## ASSETS:

Cash & Bank Accounts	
Mich Nat'l Bank Checking	\$ 866.02
Postal Deposit (called PO)	<u>70.32</u>
TOTAL Cash & Bank Accounts	\$ 936.34

## Other Assets

Comerica Bank CD	\$1,488.04
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TOTAL ASSETS:	\$2424.38
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LIABILITIES:	\$0.00
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TOTAL NET WORTH:	\$2424.38
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Income & Expenses  
April 5, 2002 - May 3, 2002

## INCOME

Dues Deposited -(amount includes \$10.00 snack overage)	<u>205.00</u>
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TOTAL INCOME:	\$ 205.00
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## EXPENSES

SCOPE Mailing-April	49.26
SCOPE Mailing-May	0.00
ARRL Outgoing QSL	0.00
LCDRA Dues	15.00
ARRL Dues	.00
Service Charges	<u>10.00</u>

TOTAL EXPENSES:	\$ 74.26
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TOTAL NET PROFIT:	\$ 130.74
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Transferred from Checking to US Postal Deposit Account	\$ 0.00
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Respectfully Submitted

Candace Cobum, KC8QZF  
Treasurer/Acting Secretary**Central Michigan Amateur Radio Club Minutes of the General Meeting (April 5, 2002)**

The meeting was brought to order by club president Mike Rhew (KC8DBP) at 7:43pm. There were 29 members signed in, with 4 visitors.

**Visitors**

Welcome to Jane Ann Higelmire, Jessica Whittum, Don Quillan (KC8TIO), Don Riley, and Chuck (WD8MBB).

**Upgrades and New Licenses**

Congratulations to Don Quillan (KC8TIO) for his Technicians license and to Candy Coburn (KC8QZF) for her upgrade to General.

**Speaker**

Bernie Gaffney (N8PVZ) did a great presentation on using solar power to charge batteries for radio use and how the system works. Web site address for solar power accessories is [www.sunelco.com](http://www.sunelco.com) and he suggested ordering via toll free at 800-338-6844 because the site does not have secure online ordering

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**Central Michigan Amateur Radio Club Minutes of the General Meeting (April 5, 2002) CONTINUED****Announcements**

Don (WB8NUS) finished the Silent Key list with the help of some other members. Had a printed list for members to go over for any corrections before sending to Bob (K8RBT) for Directory publishing.

Don Cote (KD8BD) wondered if it is a pictorial directory and Mike said that only pictures provided or taken by Bob or Ken would be submitted.

Mike addressed the membership about concerns securing volunteers and state of club without people willing to help. Also talked about the financial status of the treasury. Told the membership why there was a closed board meeting held. Many people are now doing a couple of jobs to help in absence of volunteers. Need some volunteers by the next meeting or events need to be cancelled. Candy added the Secretary job to the Treasurer's job, which created an At Large Board member spot. Mike asked for volunteers in lieu of appointing a member. We still need people to volunteer for: • Field Day •Snacks •Door prizes

John Hayes (KC8RQV) was given a special recognition for the great job he is doing as the Ham Fair Chairman and Scope editor by Mike Rhex and Don Cote.

The Ham Fair committee will be meeting April 7th at 4:30pm in the Kropshot room at the Red Cross Building.

The National Weather Service will put on SKYWARN training on 13<sup>th</sup> April 2002 at the Red Cross on Saginaw. The start time is 12:00 pm and will last until 4:00 pm. Eaton County SKYWARN training on April 9<sup>th</sup> announced.

Joe (N8VYS) will take the QSL duties for W8MAA.

Ladies Night is set at Coral Gables on May 11<sup>th</sup>. Tickets are \$16.00 each dinner. Flyers were distributed. Please get your reservations in by May 6<sup>th</sup> to Candy Coburn (KC8QZF).

Irv Graham wanted an announcement made for the 3.973 Mhz Breakfast Club Picnic, held at the VFW Post, Rosemary Street on June 15<sup>th</sup>.

**Old Business**

Secretary and Treasurer's reports from March were brought up for any errors or corrections.

Troy Creed (KC8TCC) motioned to accept the reports, Don Cote (KD8BD) seconded. Motion passed.

Ken Faiver (W8HNI) reminded membership about "Ask a Ham" and to submit any questions to a container he designed for this purpose.

**New Business**

There was discussion among the membership regarding the state of the Club and ideas about the financial situation. List of topics brought up:

- Scope mailings and bulk permit
- Email of Scope vs. snail mail to those who wish. Using stamps for regular mailings would be less costly than making a permit mailing where too many issues have to be sent compared to actual member numbers. (200 copies min-actual 123)
- Treasury money and CD availability. Use the CD if we run out of cash funds.
- Members to step up and take ownership of the events for the year. Need to have plenty of volunteers. Many people helping creates less time involvement for one or two people.
- Board to form a Budget committee and have a budget set out of funds for each year as we have had in the past.
- Look at membership dues. Consider Family memberships. Raising the cost of dues.
- Create a ListServ for our membership for email business.
- New ideas for presenting Club materials and for interesting and fun meetings.

Susie Bowe (N0UWI) made a motion, (after considerable membership discussion regarding emailing the Scope), to allow those members from this day on to have an email option instead of a snail mail copy. Seconded by Don Cote (KD8BD). Motion passed.

A list of present members email addresses collected. Larry St George (KC8RVI) and John Hayes (KC8RQV) will work on ListServ. May Scope will be the last issue automatically sent regular mail.

Meeting was not formally adjourned.

## Field Day Update

BY KEN FAIVER W8HNI

CQ FD de W8MAA FD

PLACE: **Camp Kiwanis (M-36  
between Mason and Dansville)**

TIME: **Saturday June 22 at 2:00 pm  
to Sunday June 23 at 2:00 pm**

Here's what's planned so far for the 2002  
CMARC Field Day:

Don Coté KD8BD and Ken Faiver W8HNI  
have agreed to serve as co-chairpersons.  
Gregg will bring CMARC generator. Who  
can bring a second generator?



Bernie N8PVZ will set up a solar powered QRP station.

Who would like to set up a GOTA station or a VHF station?

There's plenty of opportunity for everyone to get involved. We need operators, help with antenna set-up and take-down, food, publicity, etc. Come to the Friday June 7 CMARC meeting to join in the planning. Let's make FD 2002 a great event for everyone. W8HNI

	HF PHONE	HF CW	VHF	GOTA
Coordinator	Don KD8BD	Ken W8HNI	???	???
Primary rig	Clint's KC8EHR	Gregg's WB8LZG	???	???
Back-up rig	???	Ken's W8HNI	???	???
Antenna 1	G5RV	Extended Double Zepp	???	???
Antenna 2	Vertical	???	???	???
Location	Tent/Screen Shelter	Customary Scout Bldg.	???	???
Computer	Clint's KC8EHR	Ken's W8HNI	???	???

**Central Michigan Amateur Radio Club Minutes of the Board Meeting (May 3, 2002)**

The meeting was brought to order by club president Mike Rhew (KC8DBP) at 7:00 pm. The following board members were present for the meeting:

Michael Rhew (KC8DBP) - President, Ken Faiver (W8HNI) - Vice-President, Bruce Rainey (KC8ODP) - Director, Robert Bowe (N0OBC) - Board Member at Large, Gregg Mulder (WB8LZG) - Director, Tyler Whitney (KC8NSB) - Under 22 Director, Susie Bowe (N0UWI).

The following items were discussed the board meeting:

- ListServ status. John Hayes announced the posting of several on his personal server to Mike. All discussed the concerns of being able to update, or access in time of need. Look into possible public server access via qsl.net or yahoo or MSU. Need to get the list of members who submitted email addresses for the listserv
- Web page discussed. Ideas for access and updating. Posting of meeting minutes suggested, not sure if good idea. Have someone volunteer to help with updating the web page so that information can be viewed more readily. We all need to come up with a sheet of suggestions for a new, updated format.
- Duplicator status. Investigate into worth of machine and way to sell it. Club to possibly purchase Publisher program, or similar for future SCOPE editing. Offer proposal to General Membership for duplicator elimination
- Directories for sale - Bob T had them produced free. \$2 for regular members, \$1 for seniors
- Ken June program concerns Field Day planning. Show and Tell will be May program.
- Hamfest being held June 15<sup>th</sup> at Midland Co. Fairgrounds

Meeting adjourned at 7:35pm

**Central Michigan Amateur Radio Club Minutes of the Meeting (May 3, 2002)**

- The meeting was brought to order by club president Mike Rhew (KC8DBP) at 7:35.

**Visitors and Attendance**

- None noted

**Upgrades and New Licenses**

- Gregg Mulder (WB8LZG) upgraded to Extra .

**Speaker**

- Show and Tell program. Gregg M. brought in a collection of keys for everyone to see.

**Announcements**

- Bob (K8RBT) was thanked for Directory publishing. Board agreed on prices of \$1 (seniors) and \$2 (regular) for each copy.
- Ladies Night is May 11<sup>th</sup> at Coral Gables, East Lansing. \$16 dinner per person. Mike had reservation sheets to hand out at meeting, would collect monies for attendees.
- Mike said we still need volunteers for Snacks and Door prizes. Also requested Field Day volunteers. Reminded everyone that Joe (N8VYS) is the QSL chairman for Field Day contacts.
- The Ham Fair committee will be meeting May 11<sup>th</sup> at 4:30pm because of Dayton and Mothers Day being Sunday.
- April 13<sup>th</sup> SKYWARN session was full and turned out very well.
- Breakfast Club summer picnic is June 15<sup>th</sup> at the VFW, Rosemary Street in Lansing
- MS 150 Bike -a-thon on July 13 & 14<sup>th</sup>. Don (W8NUS) is looking for volunteers for that event and Women on Wheels in Mason July 20.
- Cadillac Hamfest on May 11<sup>th</sup>, Midland Swap on June 15<sup>th</sup>.
- John (KC8RQV) put together some listserv sites. Ham Fair, CMARC, LCDRA, events, general discussion, and for sale lists available. Mike offered web addresses for anyone who needed them to write them down during break.

**Old Business**

- Robert Bowe (N0OBC) read the treasurer's report and secretary report supplied by Candy (KC8QZF). Since they were not read verbatim and summarized, the membership was asked by Mike if we could have a motion to approve?
- Bruce (KC8ODP) motioned, ?seconded. Motion passed.
- Bruce thanked the club for the recent concern over his eye surgeries and the card for Fran's hospital stay. Steve Dible received a card from the club with a contribution to his wife's memorial.
- Mike called for volunteers to do the SCOPE. No volunteers.
- Gregg M. agreed to research the current value of the duplicator machine if someone would provide him with the make and model of the machine. More discussion of this was tabled for next meeting.
- Ken Faiver (W8HNI) reminded membership about "Ask a Ham" and to submit any questions to a container he designed for this purpose. Announced Show and Tell program and looking for more program ideas.
- Bruce announced that Ladies Night will cost about \$60-\$70 dollars in expenses for plaque, flowers, and cakes.

(Continued on Page 6)

**(Continued from page 5)**

- Gregg mentioned that the McDonald Middle school group will move to the High School. Gregg felt having a group at both schools was unlikely. There is currently hands-on time available at the school as long as someone is interested. It needs to be a supervised activity and only available during the school year.
- No report from Tyler Whitney (KC8NSB) tonight.

**New Business**

- John Hayes (KC8RQV) relinquished the SCOPE Editor responsibility due to family concerns
- Mike announced the Board had discussed selling the duplicator currently used to produce the SCOPE. Don R (Rickerd?) asked the value of the duplicator? Need to consult with LCDRA too, they invested in the duplicator as well and need to be involved in decision. Mike asked Don R to seek approval from LCDRA to consider selling duplicator.
- Motioned and seconded to look into what we can get for the machine. Motion Passed.
- Purchasing computer software discussed for producing the SCOPE electronically. Most word processing programs that come standard with computers can handle the job. Mike reminded that the budget may not support purchasing expensive publishing software. Considerable discussion regarding alternatives to publishing and posting among the group. Mike mentioned that Erv and John both used their own software for SCOPE formation. Would be nice to have a club owned copy for future editors and consistency of production. Life cycle of software brought up. Membership was fairly comfortable with life cycle of product since updates and upgrades are available for a much lower cost.
- Meeting to be adjourned at 9? Motioned? 2<sup>nd</sup>? Passed.

**EMAIL or SNAIL MAIL your SCOPE?**

The membership voted at the April meeting to give the membership a choice to receive the SCOPE via email instead of getting a printed copy through the mail.

If you have an email address and would like to help the club save postage and printing costs, please let John Ingraham, (NG8L@arrl.net) and "cc" Candy Coburn, (KC8QZF@arrl.net) via email as soon as possible. **The changes can be effective as soon as July issue.** Please also feel free to call Candy (517-349-7120) with the information. We are currently forming a membership list that will keep track of your choice so that no one gets left out and everyone gets the club

info in a timely manner. This list is for SCOPE and club communications ONLY and will not be used for SPAM or advertising. CMARC and LCDRA greatly appreciates

**CMARC BOARD MEMBER INFORMATION/CONTACT INFO**

**Mike Rhew** KC8DBP: Ph (989) 725-1853 or [KC8DBP@arrl.net](mailto:KC8DBP@arrl.net)  
**Kenneth Faiver** W8HNI: Ph (517) 321-8170 or [kfaiver@voyager.net](mailto:kfaiver@voyager.net)  
**Candy Coburn** KC8QZF: Ph (517) 349-7120 or [KC8QZF@arrl.net](mailto:KC8QZF@arrl.net)  
**Bruce Rainey** KC8ODP: Ph (517) 627-9118 or [KC8ODP@arrl.net](mailto:KC8ODP@arrl.net)  
**Gregg Mulder** WB8LZG: Ph (517) 646-6257

**Robert Bowe** N0OBC: Ph \_\_\_\_\_ or [robert@acd.net](mailto:robert@acd.net)  
**Tyler Whitney** KC8NSB: Ph (517) 337-9749 or [KC8NSB@arrl.net](mailto:KC8NSB@arrl.net)

**LCDRA BOARD MEMBER CONTACT INFORMATION**

Dan Harger W8BCI (517)882-8784	Bruce Rainey KC8ODP (517)627-9118
Don Rickerd W8BQD (517)339-8496	Dennis Boone KB8ZQZ (517)337-0857
Troy Creed W8TCC (517)323-6358	<b>Deadline for SCOPE articles and submissions: 20th of the month</b>
Scott Newfer W8SRN (517)381-8148	
Hal Bell W8LAY (517)484-0962	Temporary editor: Candy Coburn

**Future scientists show the "right stuff" at MSU Science Olympiad.**

MSU hosted it's 20th annual state tournament on April 27, 2002 where over 550 schools in 15 regions competed. Michigan leads the nation in participants, some who hope to advance to the National Tournament to take place May 17 and 18 at U of Delaware.

Dennis Boone-KB8ZQZ coordinated volunteers from the MSU Amateur Radio Club and CMARC to assist with communications for the event as it was spread over the entire campus grounds. Tom Shaver-KC8NJK, Jim Harvey -KB8DDQ, Jeffrey Goeke-Smith-KC8PUN, Mike



Wolthuis-KB8ZGL, Clint Hannahs - KC8EHR, and Wayne Atkinson-AB8MI were all on hand to help.

There are 36 regular categories to enter exhibits and 3 trial sections. Among the most unusual was Cow-A-Bungee, which involves dropping cow patterned weights tied to elastic and a camera verifies who got closest to the floor without hitting it. Very popular spectator events are Bottle Rockets launched at Munn Field and the Egg Drop from the Bessey Hall Parking Ramp. Good luck to all the wonderful kids who competed and we look forward to next year!

**June Schedule of Events**

- **June 1**-Scott Rowe,KB8HTM Birthday
- **June 3**-DTACS Member meeting,, 7:00pm Delta Twp Fire Station # 1
- **June 6**-Dan Hicks,W8MMQ Birthday
- **June 7**-John Polack,WA8URL Birthday
- **June 7**-Al Sevrey, KC8ODW Birthday
- **June 7**-CMARC Member meeting, 7:30pm, upstairs Red Cross Bldg.
- **June 8**-Robert Strobel,KB8DQQ Birthday
- **June 10**-Vic Jackson,W9NDM Birthday
- **June 17**-Candy Coburn,KC8QZF Birthday
- **June 17** - ARPCS Member meeting, 7:00pm Ingham Co Sheriffs Dept.
- **June 20**-Deadline for SCOPE articles and submissions.
- **June 22-23-- Field Day!** Start time 2 pm Saturday at Camp Kiwanis, Mason
- **June 24**-Keith Colister,K8CWQ Birthday
- **June 25**-Gregg Mulder,WB8LZG Birthday
- **June Anniversary dates**-Sommer-4th, Meaton-4th, Kreer-9th, Creed-14th, Fitzgerald-14th, Hassel-20th, Mueller-23rd, Collister-25th, Hude-26th.

# June 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						

## Word Puzzler



- AMPLIFIER
- ANTENNA
- BASEBALL
- CAMP
- CODE
- DOORBELL
- EMAIL
- FACADE
- GARAGE
- HOORAY
- HOORAY
- HOUR
- ICICLE
- JAR
- JUMP
- KITE
- LETTER
- LIBRARY
- MANTLE
- MICROPHONE
- NOODLE
- OCEAN
- POINTER
- QUIET
- RADIO

- REFRESHMENT
- SIGN
- SOCK
- TARP
- TENT
- UMBRELLA
- VICTORY
- WASHER
- WAVE
- WIRE
- XRAY
- ZEBRA

Words are up, down, diagonal, and backwards. Left over words form a hidden message (may have some extra letters left over)

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

**CENTRAL MICHIGAN AMATEUR  
RADIO CLUB**

P.O. Box 27321  
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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 or KC8QZF@arrl.net

## THE SCOPE



**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 MO 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 \_\_\_\_\_

ARRL Member? \_\_\_\_\_ Date of birth \_\_\_\_\_

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 MO to: **L.C.D.R.A.** PO Box 80106, Lansing MI 48908

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

Address \_\_\_\_\_

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

ARRL Member? \_\_\_\_\_ Date of Birth \_\_\_\_\_

Wedding Anniversary? \_\_\_\_\_

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

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