



**Central Michigan Amateur Radio Club**  
**Lansing Civil Defense Repeater Association**  
 Remember America's Heroes

# The Scope



February 2003

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## Shuttle Crew Remembered

Space shuttle flights had become so routine it was quite a shock to see the headlines: Columbia is Lost. The seven member STS-107 crew, consisting of Commander Rick D. Husband, Pilot William C. McCool and Mission Specialists Kalpana Chawla, David M. Brown, Laurel B. Clark, Michael P. Anderson, and Payload Specialist Ilan Ramon were remembered in a moment of silence by CMARC members during the February 7<sup>th</sup> meeting.

Three of the STS-107 crew were licensed radio amateurs and their biographies, as provided by NASA, detail the spirit of excellence these individuals demonstrated in their quest for scientific knowledge.

### David M. Brown - KC5ZTC (Technician)

Brown joined the Navy after his internship at the Medical University of South Carolina. Upon completion of flight surgeon training in 1984, he reported to the Navy Branch Hospital in Adak, Alaska, as Director of Medical Services.

In 1988, he was the only flight surgeon in a ten-year period to be chosen for pilot training. He was ultimately designated a naval aviator in 1990 in Beeville, Texas, ranking number one in his class.

Selected by NASA in April 1996, Brown reported to the Johnson Space Center in August 1996. Having completed two years of training and evaluation, he is eligible for flight assign-



ment as a mission specialist. He was initially assigned to support payload development for the International Space Station, followed by the astronaut support team responsible for orbiter cockpit setup, crew strap-in, and landing recovery. Dave Brown flew aboard STS-107 and logged 15 days, 22 hours, and 20 minutes in space.

### Kalpana Chawla - KD5ESI (Technician)

In 1988, Kalpana Chawla started work at NASA Ames Research Center (cont'd on page 3)

### Michigan Ham Fests for February and March

**Feb 16—Livonia ARC**  
<http://www.larc.mi.org>  
**Contact:** Bruno Walczak, WA8DHP  
 16601 Golfview Drive  
 Livonia, MI 48154-2139  
 Phone: 734-464-8928  
 Email: wa8dhp@arrl.net

**March 15—Southern MI ARS**  
**Contact:** John Malinowski, N8BGM  
 20577 Division Drive  
 Marshall, MI 49068  
 Phone: 269-781-4540  
 Email: N8BGM@aol.com

## Final 73s - N8DEF & N8DEH



Mark - N8DEF

Wacousta-Mark Humphys, N8DEF, became a silent key on

January 17, 2003. His mother, Marilyn, N8DEH, joined him on January 26. That first Friday afternoon,

the repeater frequencies and telephones were all abuzz. Hams were expressing their memories of Mark with kindness and concern for the remaining family members.

Some of us were confused because we knew Marilyn,

his mother, had been seriously ill for some time. It was a shock to hear that, "No, it wasn't Marilyn, it was Mark!"

Mark was a friend and elmer to many area hams. This writer ex (cont'd on page 6).

## CMARC BOARD MEMBER CONTACT

"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	KC8LXV	(517) 393-0634	rstortz387@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) 381-8148	



## Ziegenbein Nominations

Yep, it's that time of year again! Time to get your nominations in for the annual Ziegenbein Award, which are *due before March 15*. Each year, CMARC honors the member who has contributed the most to CMARC and/or Amateur Radio in general, during the preceding year.

This award was created in honor of Ralph Ziegenbein (W8PLP [SK]), an active CMARC member and avid Amateur Radio enthusiast. Ralph, who was known in the Lansing area as "Mr. Ham Radio," passed away in 1960.

Following his death, an award was established in his honor, and the following year, Gordon Main (W8OCK) became CMARC's first recipient of the Ziegenbein Award.

The recognition takes the form of a plaque, which is presented at the annual Ladies Night Banquet held in May. The Ziegenbein Committee, which selects the nominee to re-

ceive the award, consists of the last three recipients: Pam Denomee (KB8PSF), Chairman; James "Erv" Bates (W8ERV); and James Kenyon (KC8DJH).

Please send your nominations *before March 15* to:

Pam Denomee/KB8PSF  
P. O. Box 616  
Leslie, MI 49251-0616  
Attn: Ziegenbein Nominations

Remember the deadline for nominations is March 15, 2003. (Per Ziegenbein Rules listed below.)

### Ziegenbein Award Rules

1. The recipient must be a current member of CMARC.
2. Nominations are to be made in writing, in your own words, stating your nominee's contributions to CMARC and Amateur Radio. NO chain letters will be accepted.
3. All nominations are to be kept secret until the award is pre-

sented.

4. All nominations are to be mailed.
5. The same person can receive the award more than once.
6. The committee shall consist of the last three recipients; the senior member shall be the chairman.
7. All nominations are to be closely checked and discussed by the committee.
8. If the committee feels the nominees are not deserving, the award does not have to be given that year.
9. Nominations are to be submitted **BEFORE MARCH 15** so the committee can make the selection and have the plaque engraved.
10. The recipient will be announced at the annual Ladies Night Banquet.

(The above rules were revised by Currin Skutt (W8FSZ) and were submitted to the CMARC Board for their approval. The Board and membership approved these rules on October 6, 2000)

# Amateur Radio and the Space Shuttle Program

Owen Garriott (W5LFL) pioneered the use of ham radio from Earth orbit during his "spare time" on shuttle flight STS-9.

Since that first voyage into space, NASA has continued to see the usefulness of bringing ham radios into space, and astronauts have been able to speak to hams on earth on dozens of shuttle flights.

The **Space Amateur Radio Experiment (SAREX)**, sponsored jointly by the American Radio Relay League (ARRL), the Radio Amateur Satellite Corporation (AMSAT) and NASA, is a long-running program that uses amateur radio equipment on board the Space Shuttle to involve students in exchanging questions and answers with astronauts in orbit.

Students in hundreds of different classrooms across the country are able to ask the astronauts questions about space flight and the experiments being conducted on the mission. It also allows for communication with amateur radio operators on the ground. No Amateur Radio gear was aboard the Columbia for this mission.

## Shuttle Crew Remembered

(cont'd from page 1)

in the area of powered-lift computational fluid dynamics. Her research concentrated on simulation of complex air flows encountered around aircraft such as the Harrier in "ground-effect."

Following completion of this project, she supported research in mapping of flow solvers to parallel computers, and testing of these solvers by carrying out powered lift computations.

Selected by NASA in December 1994, Kalpana Chawla reported to the Johnson Space Center in March 1995 as an astronaut candidate in the 15th Group of Astronauts.

Her assignments included work on development of Robotic Situational Awareness Displays and testing space shuttle control software in the Shuttle Avionics Integration Laboratory. She flew on STS-87 (1997) and STS-107 (2003) and logged 30 days, 14 hours and 54 minutes in space.

### Laurel Clark - KC5ZSU (Technician)

During medical school, she did active duty training with the Diving Medicine Department at the Naval

Experimental Diving Unit in March 1987.

She made numerous deployments, including one overseas to the Western Pacific, practiced medicine in austere environments, and flew on multiple aircraft. Her squadron won the Marine Attack Squadron of the year for its successful deployment. She was then assigned as the Group Flight Surgeon for the Marine Aircraft Group (MAG 13).

Prior to her selection as an astronaut candidate she served as a Flight Surgeon for the Naval Flight Officer advanced training squadron (VT-86) in Pensacola, Florida. Selected by NASA in April 1996, Dr. Clark reported to the Johnson Space Center in August 1996. After completing two years of training and evaluation, she was qualified for flight assignment as a mission specialist. From July 1997 to August 2000, Dr. Clark worked in the Astronaut Office Payloads/Habitability Branch. Dr. Clark flew aboard STS-107 and logged 15 days, 22 hours, and 20 minutes in space.

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### Is this you? This is who we should be.

#### The Radio Amateur is...

- ✓ **Considerate**...never knowingly operates in such a way as to lessen the pleasure of others.
- ✓ **Loyal**...offers loyalty, encouragement, and support to other amateurs, local clubs, and the American Radio Relay League, through which Amateur Radio in the United States is represented nationally and internationally.
- ✓ **Progressive**...with knowledge abreast of science, a well-built and efficient station and operating above reproach.
- ✓ **Friendly**...slow and patient operating when requested; friendly advice and counsel to the beginner; kind assistance, cooperation and consideration for interests of others. These are the hallmarks of the amateur spirit.
- ✓ **Balanced**...radio is an avocation, never interfering with duties owed to family, job, school, or community.
- ✓ **Patriotic**...station and skill always ready for service to country and community.

**Central Michigan Amateur  
Radio Club**  
**Minutes of the Board Meeting January 10, 2003**

The meeting was brought to order by club president Bruce Rainey (KC8ODP) at 7:10 p.m.

The following board members were present for the meeting:  
Bruce Rainey (KC8ODP) - President

Tom Shaver (KC8NJK) - Vice President

Randy Stortz (KC8IHV) - Treasurer

Dick McGuire (K18C) - Secretary

Kevin Mulder (KC8QZE) - Under 22 Director

Gregg Mulder (WB8LZG) - Director

Clint Hannahs (KC8EHR) - Director

The following items were discussed at the board meeting:

- Members will be asked to bring thoughts, including goals, at the meeting.
- We need to cover Ladies' Night.
- Pam Denomee (KB8PSF) will chair the Ziegenbein Committee. The remaining membership of the committee was then discussed. It will apparently consist of the last three previous winners.
- A lottery-type drawing was discussed. It would be regulated by, and licensed by, the state.

Drawings are held six days a week (except Sunday) and every drawing has a winner. Bruce then explained details; his American Legion has used it.

- Tom Shaver (KC8NJK) will hold a bonfire at his home for new and returning members. The bonfire will be after a daytime Lansing Lugnuts game.
- A Fazoli's Night was also discussed.
- Bruce would like to keep meetings short.

Meeting was adjourned at 7:33.

*IF you have soda that goes flat, don't throw it away, pour the flat soda in ice cube trays, freeze, and use them in your glass the next time you have a soda. The soda won't take on a watered down taste like it does when using regular ice...*

CENTRAL MICHIGAN AMATEUR RADIO  
CLUB  
TREASURER'S REPORT

January 31, 2003

Account Balances  
As of January 31, 2003

ASSETS:

|                            |              |
|----------------------------|--------------|
| Cash & Bank Accounts       |              |
| Mich Nat'l Bank Checking   | \$ 876.87    |
| Postal Deposit             | <u>70.32</u> |
| TOTAL Cash & Bank Accounts | \$ 947.19    |

Other Assets

|                      |            |
|----------------------|------------|
| Comerica Bank CD     | \$1,517.77 |
| Mark Humphrey's fund | 115.00     |

TOTAL ASSETS: \$1,632.77

LIABILITIES: 0.00

TOTAL NET WORTH: \$2,579.96

Income & Expenses

December 6, 2002—January 31, 2003

INCOME

|                      |           |
|----------------------|-----------|
| Dues                 | \$ 390.00 |
| Directory sales      | 4.00      |
| Mark Humphrey's fund | 115.00    |

TOTAL INCOME: \$ 509.00

EXPENSES

|                                     |           |
|-------------------------------------|-----------|
| Post Office 3 roll stamps for SCOPE | \$ 111.00 |
| Service Charges                     | 10.00     |

TOTAL EXPENSES: \$ 121.00

TOTAL NET PROFIT: \$ 388.00

Transferred from Checking to US Postal Deposit Account 0.00

Respectfully Submitted

Randall Stortz, KC8LXV  
Treasurer

**Central Michigan Amateur  
Radio Club**  
**Minutes of the Board Meeting February 7, 2003**

The meeting was brought to order by club president Bruce Rainey (KC8ODP) at 7:05 p.m.

The following board members were present for the meeting:  
Bruce Rainey (KC8ODP) - President  
Randy Stortz (K8VY) - Treasurer  
Dick McGuire (K18C) - Secretary  
Gregg Mulder (WB8LZG) - Director

The following items were discussed at the board meeting:

- Secretary's Report and Treasurer's Report were distributed.
- Bruce Rainey (KC8ODP) wanted to make sure the two silent keys (Mark and Marilyn Humphreys) and one family death (Wayne Atkinson's father) had been acknowledged with cards. They had been.
- Randy Stortz (K8VY) mentioned and distributed flyers for the Crossroads (Marshall) Hamfest.

- Randy had received two checks for the same donation. Randy will contact the sender.

- Randy reported receiving budget numbers from the "Dons." The items were then discussed and approved with minor changes.

- We discussed Chuck Johnson's last-minute resignation letter as editor of SCOPE.

- Fund raisers, including car wash and the lottery-type drawing were discussed.

- Hamfair, including the potential joint effort with the Kalamazoo group, was discussed. Gregg has been unable to reach the two hamfest contacts in Kalamazoo. Dick will be in Kalamazoo and will inform hams there of the problem.

- Doug will handle the CMARC website, and his wife will edit the SCOPE. Doug then demonstrated his ideas on a laptop. The graphics will be faster. Since the website will include the CMARC logo, we discussed the logo. Any changes will be approved at a future general meeting.

- We discussed the new procedure for changing the bank account. Future changes to the account will require all signers to be present at the bank at the same time.

Meeting was adjourned at 7:39.

CENTRAL MICHIGAN AMATEUR  
RADIO CLUB  
TREASURER'S REPORT

February 24, 2003

Account Balances  
As of February 24, 2003

ASSETS:

|                      |                  |
|----------------------|------------------|
| Cash & Bank Accounts |                  |
| MI Nat'l Checking    | \$ 1,072.07      |
| Humphreys Fund       | <u>\$ 400.00</u> |

TOTAL Cash & Bank Accounts \$ 1,472.07

Other Assets

|                   |                  |
|-------------------|------------------|
| Comerica Bank CD  | \$1,517.77       |
| M. Humphreys Fund | <u>\$ 400.00</u> |

TOTAL ASSETS: \$1,917.77

LIABILITIES: \$0.00

TOTAL NET WORTH: \$3,389.84

Income & Expenses  
January 31 - February 24, 2003

INCOME:

|                      |                 |
|----------------------|-----------------|
| Dues                 | \$268.00        |
| Directory sales      | \$00.00         |
| Mark Humphreys' Fund | <u>\$285.00</u> |

TOTAL INCOME: \$553.00

EXPENSES:

|                        |                |
|------------------------|----------------|
| Post Office Box Rental | \$ 48.00       |
| Service Charges        | <u>\$10.00</u> |

TOTAL EXPENSES: \$ 58.00

TOTAL NET PROFIT: \$495.00

|                                                        |         |
|--------------------------------------------------------|---------|
| Transferred from Checking to US Postal Deposit Account | \$ 0.00 |
|--------------------------------------------------------|---------|

Respectfully Submitted by:

Randall Stortz, K8VY  
Treasurer

When dusting things that have a lot of "knooks and crannies," get a clean, soft paintbrush and spray it with a light coat of furniture polish. You can dust and polish areas you can't normally reach with a rag....

## Final 73s - N8DEF & N8DEH

(cont'd from page 1)

perienced Mark's caring and kindness this past fall. Mark happened to overhear that I had purchased a new HF rig but had no antennas in the air. He graciously volunteered to help

A few days later, there we were, calculating wire lengths, cutting, fitting, and planning. That first day, we completed all of that and hung the quad band dipole between a couple trees to let the wire set.

The next week, Mark was back with his analyzer. We tuned the elements and got it into the air. Then he came inside, tuned up and jumped into a contest. After making several contacts on different bands, Mark took his logs and left. Though we communicated several times after that, I saw him only once more.

Born May 18, 1962, Mark was only 41 at the time of his death. His mother, Marilyn, was 73. Unconfirmed sources indicated that Marilyn died on her son David's 49th birthday and her and George's 53rd wedding anniversary.

Russ Fitzgerald, N8FZ, a long time family friend shared some thoughts about Mark and his family with me. Russ has known Mark since he was about six or seven years old. Both boys' parents were Boy Scout leaders so they spent a lot of time together.

Russ recounts that his dad had an old Hallicrafters short wave radio that he and Mark found fascinating. They would listen and wonder what it would be like to

actually talk to people in some of those places they heard.

In the mid- to late-seventies, Mark began showing an interest in CB radios. He was active in several groups and began to learn more about radio. Around 1978, Russ tested and earned both his Novice and General tickets. Then in the early eighties, Russ convinced Mark to test.

In the meantime, Marilyn had been helping Mark study. During those days, someone holding a General Class ticket could administer the Novice code exam. So Russ tested

Mark and he passed!  
Then Marilyn said she

*They would listen and wonder what it would be like to actually talk to people in some of those places they heard.*

thought she had copied most of the code. Russ suggested he test her also. She accepted his offer and passed the Novice test as well.

Nine months later, Mark and Marilyn went to Detroit and tested at the FCC. They both came home with their Technician tickets.

Fondly, Russ recounted Mark's first HF DX contact. Apparently, Mark had picked up a Tempo One at a hamfest. The only real key he had was an old beat up Radio Shack key. But they were determined to let Mark make his first contact on his own ra-

dio at his own house.

They set up and got on the air. They made contact with a station somewhere in or near the former USSR. Right in the middle, while Mark was trying to pass his information to the contact, the bearings fell out of his key!

Russ explains that, without blinking, Mark ran to get his old homemade practice key. That key was just a piece of bent metal attached to some boards and wires. Mark, Russ explained, yanked the wires off the key, stripped them with his fingernails and began touching them together to complete the QSO.

From so many fellow hams, I have heard stories of Mark's generosity and knowledge. Mark never seemed to take his hobby or his fellow hams for granted. He was always willing to help even with his busy schedule.

Both Mark and Marilyn were strong supporters of CMARC and the amateur radio community. The family asked that donations be made to CMARC. The Board is considering how best to memorialize these two popular individuals. Ideas to the Board are welcome.

- B. Rainey, KC8ODP



## CMARC Board Members



Bruce Rainey/  
KC8ODP, President

Graduate cum laude in Communications Studies, University of Detroit

I am currently working as Rate Making and Billing Section Manager, Budget and Finance Division in the Department of Information Technology.

Some interesting positions I have held in the past include being a teacher, a Neighborhood Youth Corps Counselor, portrait photographer doing school pictures, and a Deputy Sheriff. I had my commercial broadcast license and worked as a disk jockey, announcer and news director in both radio and TV.

I served four years in the United States Air Force as an Aircraft Control and Warning Operator and was stationed in Biloxi, MS, Omaha, NB and Ryukyus in the East China Sea .

I became a Technician on April Fool's Day 2000. I completed both Level I & II Emergency Communications Certification, and FEMA courses for Emergency Program Manager, Emergency Preparedness, Community Disaster Exercises, Volunteer Agencies in Emergency Management and Search & Rescue, along with the usual Skywarn and Radar courses.

I am currently serving as Director on the LCDRA Board. Some positions I have held in the past include past Vice-Commander, Post 48, American Legion; past Kiwanis secretary; past president Ferndale Board of Education (elected office); past charter president of Michigan Asso-

ciation of Telecommunications for Healthcare; past member, Society of Professional Journalists; and past president, Michigan Chapter, Association to Advance Ethical Hypnosis and National Board of Directors (Yes...I am a partially certified and trained hypnotherapist)

Frances, my wife, and I share three daughters and a son, five step-children, four grandchildren and seven step-grandchildren.

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Tom Shaver/KC8NJK,  
Vice President

I am currently working as an Emergency Management Consultant.

Thanks to Clint Hannahs, I proudly obtained my Amateur License in November of 1999. My favorite amateur modes are packet and APRS.

I retired from the Lansing Fire Department after 25 years of service. While in service, I served as firefighter, paramedic, engineer, officer, Assistant Fire Marshall, and City of Lansing Emergency Manager.

I graduated from Lansing Everett High School in 1971 and attended Lansing Community College, Sonoma State University, and Central Michigan University as well as spending six years in the United States Navy.

Terri (my wife of 12 years) and I are proud parents of Jesse (20), Emily (18), and Hannah (16).

~~~~~



Dick McGuire/KI8C,  
Secretary

I grew up in suburban Cleveland, Ohio and was first licensed in November of 1954 at the age of 15. Since Novice licenses were for one year and not renewable, I upgraded to W8UBR (General) in October 1955.

Between college, military obligation, and various careers, I have lived in Indiana (W9EO1), upstate New York (same call), New Orleans and San Antonio (W5PSQ), and suburban Chicago (W9LWF). I moved to Jackson in 1980 becoming (KI8C) and joined CMARC in January 2000.

My interests in ham radio include public service and working a little dx. In my spare time, I head a VE team in Jackson.

Being raised by symphony musicians and still single in my late 20's, I joined the New Orleans Symphony in 1967, then the San Antonio Symphony as an oboist. It was in San Antonio that I became friendly with a bassoon player by the name of Susan Dimmitt. We married in May 1969 and remained so until her death in January 2001. Our family was expanded with Kenneth, 32 and Jennifer, 31. Kenneth is now licensed as KC8LTL (and still single!) and lives near Traverse City. Jennifer is married with a son and two daughters in Columbus, Ohio.

I have clear memories of how expanding obligations affected my availability for ham radio. With due consideration for three grandchildren, I am hoping to turn recent losses into CMARC's gain.

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## CMARC Board Members (cont'd)



Randy Stortz/K8VY,  
Treasurer

I started out interested in everything and eventually became most interested in Ham radio after meeting Jim Hewitt, who lived across the street from me. Later, I became interested in AM radio and television. After High School, I spent three years in Naval Air during the Vietnam war and gained my first large experience in electricity and electronics. After returning home, I attended Lansing Community College and got my Associates Degree in Electronics with Communication and Digital Options.

I am currently employed at Lansing Community College and a member of CMARC.

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Clint Hannahs/KC8EHR,  
Director



I am one of the Directors for CMARC this year. In the past, I have served as vice-president of CMARC (2 years), vice-president of LCDRA (2 years) and president of LCDRA (also for 2 years).

I was recently appointed the Emergency Coordinator (EC) for Ingham County/City of Lansing thanks in part to Harold Bell and Don Tillison, who made me feel honored to be asked. I had some mighty big shoes to fill, but I really enjoy it!

I am a Union Journeyman Carpenter/Job Site Foreman by day. I have a degree in drafting and occasionally draft house blueprints. I love to draw and paint and play the trumpet (the artist in me!) . I have also been impersonating Elvis Presley at fund raisers since I was 16 (psst, He's still alive!! Just kidding).

My family and I are very active with South Baptist Church. Brent, our son, is involved with AWANA while Roxie (my lovely wife/ KC8GAK) and I are involved with junior high youth.

Roxie is a stay at home Mom and also home schools our son (just turned five and is already in the middle of the 1st grade curriculum!). He is involved in swim classes and soccer (I'm the assistant coach for his team).

We are currently in the process of adopting another baby, due date is May 13th. We are very excited!!

Both Roxie and I are hams, me for six years (General) and Roxie for five (Technician). Family time is our Number One priority.

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Gregg Mulder/WB8LZG,  
Director

I have been a ham since 1972. I enjoy QRP and Field Day, working DX and collecting keys. I have attended almost all the hamfests within 100 miles of Lansing.

My other hobbies include motorcycle racing and singing with a band.

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Kevin Mulder/KC8QZE,  
Under 22 Director

I became a ham in February, 2001 and currently hold a General class license. I enjoy QRP and working with electronics.

My other hobbies include playing guitar, racing motocross and playing tennis.

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John Ingraham/NG8L,  
Membership Chairman

In 1965, I became a Ham. In 1983, I got active again and passed my novice and finished my Extra class license.

I have been the Membership Chairman for CMARC since 1985. I have also served as president of the local chapter of QCWA.

I have lived my entire life right here in the Lansing area. I graduated from MSU with a degree in Electrical Engineering. I retired from AT&T in '98 and was downsized from Lucent Technologies in 2002. I am currently self-employed as a Computer Technician.

My family and I are active at St. Thomas Aquinas Church in East Lansing as well as the Knights of Columbus (I was a Grand Knight).

In 1977, I earned my Private Pilot license. I have canoed the entire length of the Grand River twice (1976 and 1990).

I have been married for 25 years and have two daughters.

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### *Hint for Spring:*

*If you know where the ants are coming in, sprinkle red pepper or dried mint at the entrance points. This also works in your cabinets to keep them out.*

# 2003 Michigan QSO Party

## Attention Michigan Amateurs!

Spring is here and it's time for the Michigan QSO Party. This is a great opportunity to get on the HF bands, have some fun, and represent the great State of Michigan. The organizers of this event would like to see as many Michigan stations on the air as possible. It is the activity of the Michigan stations that will make this event a success. This event, like other state QSO parties has seen an increase in activity in recent years. With your participation, it has the potential to be one of the best QSO parties in the country.

As you can see from the rules listed below, this is only a 12 hour event. Consider getting on the air for the whole thing, or any portion of the 12 hour period. You can operate from home, portable, or mobile.

We plan on having some activity in all 83 counties again, with the support of mobile stations.

How about making this a club event? You can submit your individual or multi-op scores under the name of the club and maybe bring home the club plaque. Hey, why not challenge another local area club or other groups within your club? Are there others in your club that would consider a mini expedition for a portable operation in one of the Michigan counties with minimal activity?? The name of the game is to have fun and make Michigan "Radio Active" on April 19th. Hope to hear you on the air!

Michigan QSO Party, sponsored by the Mad River Radio Club, will run from 1600Z April 19th until 0400Z April 20th. Stations may operate

the full 12 hours. (12 noon to 12 midnight local Michigan time on April 19)

*Modes and Categories:* Phone and CW on 80/40/20/15/10 meters.

***With your participation, this has the potential to be one of the best QSO parties in the country.***

*Single-op, multi-op, and mobile categories:* Single-op entries are categorized by output power, QRP (5W or less), Low Power (100W or less), and High Power (greater than 100W)

*Multipliers:* Work stations once per band and mode. Work other states and Michigan Stations. Work portables and mobiles again as they change county, state or province.

*Exchange:* Exchange QSO number and location (county for MI stations, state/province or "DX" for others).

*Suggested frequencies:* CW-3545, 7045, 14045, 21045, 28045; Phone-3850, 7225, 14250, 21300, 28450.

*Scoring:* One point per phone QSO, two points per CW QSO. Count multipliers once per mode. Multipliers are MI counties for all entries, plus states & provinces for MI entries only. Final score is total QSO points times total multipliers.

*Log Submittal:* Mail logs no later

than 30 days after the contest to:  
Mad River Radio Club  
c/o Dave Pruett  
2727 Harris Road  
Ypsilanti, MI 48198  
or via e-mail to [logs@miqp.org](mailto:logs@miqp.org)

For complete rules, along with free logging software, log and summary sheets, go to <http://www.miqp.org>. The information packet found on the web site may also be emailed to NU8Z at [cqnu8z@attbi.com](mailto:cqnu8z@attbi.com).

73 es cu April 19th 2003... Mark NU8Z

### From the Editor:

I would like to thank the CMARC Board for giving me this opportunity. As some on the Board know, being editor was not exactly what I thought I would be doing. Thanks for the confidence, Bruce!

Also, I know we have some writers out there (a little birdie told me so). If you would like to contribute an article, please submit it to a CMARC Board member or email it to me at [sitterson@ameritech.net](mailto:sitterson@ameritech.net)

Please let me know what you think of the SCOPE's new look! All comments welcome.

Don't forget, the SCOPE can be emailed to members so if you aren't on the email list yet, drop me a note at the email address above and I'll add you to the list.

Evelyn Sitterson

# February 2003

| 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  |     |

# March 2003

| 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  |
| 23/30 | 24/31 | 25  | 26  | 27  | 28  | 29  |

## February Schedule of Events

- Feb. 3** DTACS Meeting—  
7:00 p.m., Delta Twp  
Fire Station
- Feb. 7** CMARC Meeting—  
7:30 p.m., Red Cross  
Building, Lansing

### Birthdays

- Feb. 4 Ralph Chapman/  
WA8NHD

### Anniversaries

- Feb. 14 Irving Graham/KD8PI

## March Schedule of Events

- Mar. 3 DTACS Meeting -  
7:00 p.m., Delta Twp  
Fire Station
- Mar. 7 CMARC Meeting -  
7:30 p.m., Red Cross  
Building, Lansing

### Birthdays

- Mar. 5 Bruce Rainey/  
KC8ODP
- Mar. 17 Benjamin Hassell/  
W8VPC
- Mar. 20 Sandy Tickner/  
W8GRO
- Mar. 22 Candice Knepper/  
WD8IMJ
- Mar. 23 Alton Stoddard/  
KD8MB
- Mar. 26 Forrest Clark/N8PWD
- Mar. 28 Mike Rhew/KC8DBP

### Anniversaries

- Mar. 17 Tom Cain/KB8ZL
- Mar. 21 Kenneth Hull/WR8S  
Doug Warner/KC8TIQ

Central Michigan Amateur Radio Club  
Lansing Civil Defense Repeater Association  
Remember America's Heroes

P O BOX 27321  
LANSING MI 48909



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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](mailto:NG8L@arrl.net)

## The SCOPE February/March 2003

**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.

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

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

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

ARRL Member?  Yes  No

Email SCOPE?  Yes  No

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

Birthday: \_\_\_\_\_

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

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Birthday: \_\_\_\_\_

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

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