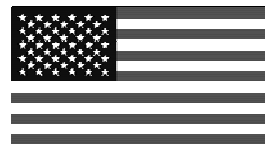




THE SCOPE



**Michigan HamFests for
December**

**December 1– L'Anse Creuse
ARC** http://www.ameritech.net/users/lc_arc/index.html
**Contact: Gregg Crump,
KC8PXJ**
 PO Box 180072
 Utica, MI 48318-0072
 Phone: 586-463-0729
Email: kc8pxj@arrrl.net

Time to Renew!

**Your club membership is
about to expire.
Renew now for 2003!
Elect your new
CMARC Board!
December 6th meeting at
7:30pm Lansing Red Cross
Building**

CMARC Board Nominees

Here are the current nominees for filling five available CMARC Board positions.

One Under 22 Director

Kevin Mulder (KC8QZE)

One 1 Year position

Randy Storz (KC8IHV)

Robert Bowe (N0OBC)

Three 2 Year positions

Tom Shaver (KC8NJK)

Dick McGuire (KI8C)

Clint Hannahs (KC8EHR)

Susie Bowe (N0UWI)

If you would like to be considered, nominations will be open before the final vote at the December 6th meeting. There will be a potluck dinner held to celebrate the festivities. Bring a dish to pass and be prepared to have an enjoyable evening! Club will furnish beverages and dinnerware. We will need people to bring main course dishes, vegetables, breads, and desserts.

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GOING FULL CIRCLE

By Gregg Mulder

With the guidance and encouragement of my high school electronics teacher I and a friend, Jim Lundy, became hams. WN8KXZ and N8LZG, we were off and running in the new world of HAM RADIO! Things were a bit different back then. Novices were only granted CW privileges, NO PHONE! And we were "rockbound" and could only use crystal control to tune our transmitters frequency. No VFO. Top that off with being 16 years old and continuously "broke", and you'll see why innovation and scrounging were the order of the day. Without the financial recourses to by the latest commercial gear, kits and kit building seemed a logical alternative.

Continued on page 4

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@attbi.com - Under 22 Director
John Ingraham NG8L: Ph (517)484-8027 or NG8L@arrl.net - Membership Chairman

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
Troy Creed W8TCC (517) 323-6358 W8TCC@arrl.net	Hal Bell W8LAY (517) 484-0962
Scott Newfer W8SRN (517) 381-8148	

L.C.D.R.A. Meeting 10/17/02

Dan Harger, W8BCI called the meeting to order at 7:15 pm. The old minutes were not read because of an oversight on the Secretaries failure to do his assigned task. Apology was given, Troy, W8TCC.

Scott Newfer, W8SRN gave the treasurers report and was accepted by the members present.

Members present:

Dennis Boone KB8ZQZ , Tom Shaver KC8NJK

Don Tillitson WB8NUS, Don Rickerd W8BQD

Steve Dible W8CRH, Bruce Rainey KC8ODP

Dan Harger W8BCI, Scott Newfer W8SRN

Troy C. Creed W8TCC

All the repeaters are up to date and, except for some small items and in excellent shape. Thank you to Dan and some of the other hams that do repeater work.

Dan also mentioned the 146.940 repeater has a back-up that is up and operational. Also the 224.98 Micor is up and running. There are other problems and possibly another antenna could help become 100%.

The bottom line is "We can go A or B" on all the VHF repeaters.

Tones on repeaters with DTMF detector causes voice to be cut off. There are tones in the human voice that cause a false DTMF input.

The link receiver is intermittent but the 440 section keys up and a voltage is present.

Constitution and bylaws were passed out to members not getting a copy from the last two meetings.

Bruce Rainey, KC8ODP asked for email addresses for the Scope mailings. Email is effectively free as opposed to the printing, folding addressing and mailing time and money spent from treasury.

Need to have Mary Humphries, N8DEF to post scope on LCDRA Web Site.

Questions were asked about getting private repeater owners to agree to sharing of their repeaters for emergency use.

An agreement is desired between the repeater owners/operators and the Emergency Operations Center, (EOC). A committee for Repeater Sharing will bring back some recommendations. By the next quarterly meeting, Bruce and Dennis, along with Dan and Don will have more on this subject.

LCDRA will not be purchasing ARRL Insurance because it does not cover the cost of replacing feed-line. One of the biggest costs in a repeater system.

A clean-up crew must be sent to the Dobie Rd. site of the 145.390 repeater. It is imperative that the building be cleaned and the surrounding area also needs to be 'policed'.

There is 1/2 inch cable TV hard-line in possibly four, 150' runs on spools and a lot of other junk laying around. The shed has a lot of holes in it and has to be sealed. Bees and wasps are abundant in the summer inside and out. An ice shield is needed to protect the roof if the building.

There is a need to haul away heavy material, with a truck.

There is also a need to get rid of the 5' diameter 3' high wooden cable spools.

Scott Newfer will find someone to come for an antique military Jeep cap, made out of metal, and very heavy. Possibly for re-enactment use.

A motion was made that the bylaws be waved and the election be held, for L.C.D.R.A. offices to take place in January, because of the Secretary not sending the minutes of the last meeting to the Scope editor for inclusion in the Scope.

Meeting adjourned, at 8:00pm.

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

CHANGING OF THE GUARD

December is time for elections in our club, and it got me to thinking about the simple pleasures that come with service. When I first became a member of C.M.A.R.C. in 1972 as a novice I was shy and sort of apprehensive about relating to all the other hams. Part of my shyness was due to my being only 16 and trying to associate with hams 3 and 4 times my age, partly cuz I was the "new kid on the block". Over the years I slowly began to make new friends in the club and in the mid 1980's I decided to serve on the board. This was quite an "eye-opener" for me. From standing on the sidelines to "playing ball". Thru the years I've served in each of the clubs offices from President to director, and although many times it has been some work involved, the rewards outweighed the labor. What rewards you ask ? Well the biggest one is friendship. Being on the board gets you up close and personal with many of the other members, and I have met and gotten close to many people that I would not have known otherwise. These are life long friendships. There are many other little rewards too. Doors were being opened for me to better jobs just from "word of mouth" from some of my ham buddies. Not to mention people I didn't know were getting to know me. A great learning experience all the way around. Maybe it's time YOU gave some thought to serving the club. We need leadership from both older and newer members. We are gaining many new hams every year too. Several of our current board members are new hams, many who are still in their teens. Ready or not here they come. I've heard a little grumbling from some of the "old salts" about how these newbies don't know the ropes yet. Hey, we were all newbies once, remember? How will you help shape these new hams? Will you come to meeting and sit quietly and do nothing or will you get moving and help to guide and mold these new members? It's time for the "changing of the guard" , let's all work together to help our club grow. If you've ever considered serving your club, the time is now.

The future is up to YOU. 73's Gregg WB8LZG

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

November 1, 2002

Account Balances
As of November 1, 2002

ASSETS:
Cash & Bank Accounts
 Mich Nat'l Bank Checking \$ 206.43
 Postal Deposit 70.32
TOTAL Cash & Bank Accounts \$ 276.75

Other Assets
 Comerica Bank CD \$1,488.04
TOTAL ASSETS: \$1,764.79

LIABILITIES: \$0.00

TOTAL NET WORTH: \$1,764.79

Income & Expenses
October 4-November 1, 2002

INCOME
 Hamfair table deposits, dues,
 and Directory sales 175.87

TOTAL INCOME: 175.87

EXPENSES
 Gregg Mulder-Hamfair mailing 211.51
 Postmaster-3 rolls stamps/Scope 111.00
 Service Charges 10.00

TOTAL EXPENSES: \$ 332.51

TOTAL NET PROFIT: \$(156.64)

Transferred from Checking to
US Postal Deposit Account \$ 0.00

Respectfully Submitted

Candace Coburn, KC8QZF
Treasurer/Acting Secretary

Going Full Circle Continued from Page 1

Back in the 60's and 70's there were many kits to chose from. EICO , Lafayette ,Allied , Knight-kit, Heathkit , and Ameco , to name but a few. I finally saved up enough to get a Knight-kit receiver and an Ameco x-mitter. Once I started building, I spent virtually every waking moment down in the shack with a soldering iron until the units were completed. The receiver worked "first time" on the SMOKE TEST, but the x-mitter had some problems. A little rewire job, (helps to follow directions) and I was in business! 15 watts to a dipole antenna strung out in the back yard. I finally got up the nerve to make my first QSO. IT WAS TOO COOL! I was off and running in HAM RADIO! Operating was quite interesting with crystal control. You would xmit a CQ and then slowly scan the entire band segment for someone answering. Crude and simple, but it worked. As I gained experience I wanted better equipment and soon saved up enough money working in the root beer stand to buy the "Cadillac" of novice rigs, the HEATH HW-16. Back down to the shack and warm up the soldering iron. Soon I was "king of the air-waves" with a new transceiver! That Ol'Heathkit put some great QSO's in the log. 75 watts of power and good dx conditions and working the world on a rig that you've built is VERY COOL at 16. (or at 86 for that matter) Life sorta grabbed me and with new interests in girls, cars, new jobs, I found I wanted the new commercial radios with all the "bells and whistles". The 80's and 90's found me upgrading my license and my equipment too. I purchased several FULL BLOWN radios to use. With a shack full of new gear and a new tri-bander in the sky I was doing well at the DX BUG and soon got BIT by the QRP bug. All the new gear and gismos were making it easy to have a QSO. Too easy. Something was missing. I wasn't building! I decided to get back into building my own radios again. But, OH OH- all of the old kit companies were out of business. Fortunately there have been some new kit companies today offering some very nice radios. I sent away for a few of these kits and was pleasantly surprised to find that although the size of the package and parts has shrunk but fun of building a kit was even greater than before. I had found what was missing in radio for me. Building, experimenting, tinkering. These were the true fun and joy in radio, and making a QSO on a rig you've built yourself is a feeling none can compare! Lately I've been spending lots of time building a rig from scratch. (40 mtr 2n2222 xcvr) While melting solder it occurred to me that I was enjoying the things that got me into ham radio more than 30 years ago , I had gone full circle.

Gregg WB8LZG

Central Michigan Amateur Radio Club

Minutes of the Board Meeting (November 1, 2002)

The meeting was brought to order by club president Mike Rhew (KC8DBP) at 7:05 pm.

The following board member were present for the meeting:

Michael Rhew (KC8DBP) - President Candace Coburn (KC8QZF)-Treasurer/Acting Secretary

Bruce Rainey (KC8ODP) – Director Robert Bowe (N0OBC)- Director At Large

Gregg Mulder (WB8LZG)-Director Susie Bowe (N0UWI) Scott Newfer

The following items were discussed the board meeting:

- Correction to the November SCOPE, name change from Ron to Don.
- Treasurer checks needed for final HAMFAIR expenses and winner of first prize.
- Budget committee leaders to be confirmed. Don Rickerd and Don Cote?
- Volunteers to coordinate December meeting Potluck dinner.
- Pictures of the HAMFAIR
- A Check for our split of the profits was accepted for \$104.50 from LCDRA Treasurer Scott Newfer
- Board approved October 2nd weekend next year as HAMFAIR date for clubs.

The meeting was adjourned at 7:35 pm.

Central Michigan Amateur Radio Club
Minutes of the Meeting (November 1, 2002)

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

Members

26 members were present at the meeting.

Visitors

Our visitors were Tom Rocheleau (WA8WPI); Sandy Tickner (W8GRO); and Srin, Welcome!

Upgrades and New Licenses

None noted

Announcements

- Tuesday and Thursday, Don Defeyter, KC8CY announced the QMN Net.
- December CMARC meeting will have a Potluck party and a vote for the nominees for the CMARC Board positions. Bring a dish to pass.

DX Report

Gregg Mulder (WB8LZG) reported that the 40 meter band has been very hot of late. He made contact to Canada, Antilles, Guatemala, Jamaica, Turks/Caicos, Cuba, Spain, France, Italy, Canaries, Ascencion Island, Argentina, and Galapagos.

Old Business

Secretary report for October needed a correction to Don's name, it was incorrectly typed as "Ron". Other than that, it was motioned by Wayne AB8MI and seconded by Forrest, N8PWD to accept the Secretary report as published. Motioned by Bruce, KC8ODP and seconded by Don KD8BD to accept Treasurers report as published. Passed
 Cards and Flowers reports-send a card to the Meddaugh family and Bill Blick for the loss of a family member.
 Gregg reported on the success of Hamfair. Discussion followed about event and profit.
 Hamfair to be held on a Saturday next year in 2003, 2nd Weekend of October. Everyone in favor of retaining Lansing Christian School as site. Don Cote suggested a Food Outlet for next fair.
 Dick, KI8C, will notify Kalamazoo of our date change.
 Tom Shaver volunteered to help with next years Hamfair. Clint will do security again.
 Budget Committee-use prior years expenditures to gage this years budget for events.

New Business

Open nominations for Board positions by Bruce, seconded by Clint.

Position	Nominee	Call	Nominated By	Second
2 year	Tom Shaver	KC8NJK	Clint KC8EHR	Robert N0OBC
2 year	Dick McGuire	KI8C	Don KD8BD	Bruce KC8ODP
2 year	Clint Hannahs	KC8EHR	Don KD8BD	Bruce KC8ODP
2 Year	Susie Bowe	N0UWI	Bruce KC8ODP	Forrest N8PWD
1 year	Randy Stortz	KC8IHV	Don WB8NUS	Dick KI8C
1 year	Robert Bowe	N0OBC	Don KD8BD	Forrest N8PWD
Under 22	Kevin Mulder	KC8QZE	Clint KC8EHR	Don WB8NUS

A motion to close the nominations was made Forrest N8PWD and was seconded by Bruce KC8ODP. The motion passed.

Mention was also made after the nominations closed that the nominations would open again at the next meeting prior to the election taking place.

Meeting was adjourned at 9:30pm

HAMFAIR 2002!



Our friendly Greeters:

From left to right-

Don Cote KD8BD

Scott Tickner W8ATT

Sandy Tickner W8GRO

Dewey Marlatt KC8QZD

Setting up for the VE Testing Session at Hamfair are:

Left to Right-

Joe Denomme N8VYS

Larry Nordeen N8VEN

Gus Kouklis K8KU



December 2002

December Schedule of Events

Dec 2- DTACS Meeting, 7:00pm, Delta

Twp Fire Station #1

Dec 6- CMARC December meeting,
7:30pm Red Cross Bldg **DOWNSTAIRS**,
Lansing

Dec 7- 539 Breakfast, Copper Skillet, N.
Larch, Lansing

Dec 11-Russell Fitzgerald, N8FZ, Birthday

Dec 12-Robert Bowe, N0OBC, Birthday

Dec 13-William Torrance, KC8ALL, Birthday

Dec 17-Jack Wiswasser, WA8AIL, Birthday

Dec 20-Deadline for SCOPE articles

Happy Holidays
To you and yours!

Anniversaries- Nordeen- Dec 2,
Sevrey-Dec 3, Chapman-Dec 18,

William Cote-Dec 21, Stahl-Dec 27,
McCardell-Dec 28., Rainey-Dec 31.

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				

CLASSIFIEDS

Ten Tec Omni D HF with Power Supply \$400 or best offer (no Mic)
Kenwood 520 HF with AC power cable and Mic. \$400 or best offer
Both above are 100W output.

Check out the Magic Band. Techs can have that opportunity for simplex and sideband DX with one or both: Azden FM 6 meter, 40 W mobile with mic and MFJ 10W sideband mobile with mic. at \$175 each or best offer.

Also have several IBM 286 & 386 PS2 machines, some monitors, some dot matrix printers, SIMM memory mods, software (some new in box e.g. Win 95 licensed), various sorts of PC cards and components. Several XT cases with power supplies that make excellent basis for building supplies for your rigs and other equipment. Plans are on the net & in QST and other mags.

Call Bruce, KD8ODP at 335-4395 or email kc8odp@arrl.net for additional information.

CENTRAL MICHIGAN AMATEUR
RADIO CLUB
PO BOX 27321
LANSING MI 48909

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Mailing Address Line 4
Mailing Address Line 5



www.qsl.net/cmarc
80 Years of Service to Our Community!
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

THE SCOPE December 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.