

A New Look for the New Millennium - March, 2001



Central Michigan Amateur Radio Club

THE SCOPE



Lansing Civil Defense Repeater Association

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

ARPSC Shines During Recent Training/Exercise



Greetings all !!! Wow, where do I begin?? First of let me state that being the E.C. for Ingham County has been a pleasure, and I am looking forward to many more years of excitement and planning. I have a wonderful staff of Assistant E.C.'s that have been a wonderful help. Of course, last but not least, the entire Ingham County A.R.P.S.C. Group.

Sometimes, I dont think people have an idea of the knowledge that is in our Ham Radio Community and their enthusiasm too elp. Anyways, , is group has been doing an wonderful job, and is making it possible to develope our A.R.P.S.C. (A.R.E.S./R.A.C.E.S./N.T.S.) Group. So first I would like to thank everybody within the group and want to encourage you all to keep up the good work.

I would like to fill everyone in on a special event that occured on Wednesday, Thursday, and Friday (February

7th, 8th, and 9th). Cary and I had the preciduous cior of participating in a 3 day training in Emergency Management, followed by a GREAT !!!!!!!! S.E.T. (Simulated Emergency Test). What an eye opener. We were traing with the actual personel that would be within the E.C.C. during an actual crisis. We developed some good "working" relationships, as well as friendships (I found someone else to hunt with). We had guest speakers from the F.B.I., and the State Police. The Mayor was there, Fire and Police Chiefs, the list goes on. I dont want to forget our hero.....Tom (KC8NJK).....was there also :) . We worked closer with the Logistics Group than before, and we were able to briefly describe to them what we can provide as a resource. Afterwards, a lady named Genice came to speak with Cary and I. She couldn't get to us fast enough. She was very curious on exactly what we could do in a crisis. After describing a bit more to her, we three agreed that we should attend their logistics meeting and have a "question-and-answer" session. The S.E.T. was a terrorist attack on several prominent buildings within Lansing. We were working closely with the Red Cross (Judi), and sent Radio Operators to the two temporary shelters. We also had to man the Red Cross H.Q. in Lansing. We were also asked to provide A.T.V. operators and one had to head to the Lansing City Airport to ride the Channel 6TV Helicopter. This Operator sent live video to the E.C.C. from the air. We had 4 operators at the E.C.C., two for VHF net operation (one net was for the Red Cross, the other for Hams through out the City). The other two were
(Please see ARPSC on Page Two)

Amateur News From Here *and* There

Including Meeting Minutes from CMARC & LCDRA

ARPSC Con't from Page 1

responsible for logging and handling messages (including HF, being it was the Capitol).

Eventually the State was called into action, and it ALMOST received the Presidential Declaration. Of course we all know what happens then, well, up to this point, A.R.E.S. operators are called into action, but once the Presidential Declaration is inacted, then only R.A.C.E.S. operators can operate (by law).

It was exciting to say the least. One thing we did realize is that we could possibly be drained of man power very easily in this type of event. We realized, also, that we (including us, the E.C.'s) need to be better trained and prepared to handle what we are called to do for our community. This includes message handling and proper procedures. We also need a better variety of the different modes of Amateur Radio. These are things we plan on working on in the not so distant future.

Thanks for your time. 73's and God Bless.

Clint Kelly Hannahs, KC8EHR
Ingham County Emergency Coordinator

CMARC BOARD MEETING

February 2, 2001

Michael/ KC8DBP opened the meeting at 7pm. Board members present were Vice President Kenneth; W8HNI, Treasurer Pam/ KB8PSF, Under 22 Director Emily/ W8ELS, Director Bruce/ KC8ODP, Director

Randall/ KC8IHV, and Secretary Mike/ KC8FCA.

The **VISITOR** was Pat, Bill Cote's wife. There were no new **LICENSES AND UPGRADES** or **UNUSUAL CONTACTS**. **ANNOUNCEMENTS:** I received the information a little late; Dick's/ KI8C wife Sue passed on January 14, 2001. Dick asked that we make a contribution to the American Diabetes Society. Marion Stoner/ W8VWY is reported to be at Munson Hospital, in Traverse City. Marion had suffered a stroke. Gregg Mulder has started classes back up at MSU in the Engineering building, room 1145. Classes will continue from now until March 17, 2001; contact Greg at (517) 646-6257. The MS Bike-a-thon will be held July 14 & 15.

OLD BUSINESS: Michael/KC8DBP motioned for acceptance of the January Secretary's Report with implementation to the start time, which was 7pm, Dennis/KB8ZQZ seconded. Bernie motioned to accept the January Treasurer's Report, Dennis/KC8ZQZ seconded. Ladies Night was separated from the May meeting and moved to Saturday. The assignment of Chairman, to handle the various club tasks, was sorted out. Plans are made to start a "hands on" projects class; Mike/ KC8FCA has volunteered a toolbox and tools. Bob/ K8RBT has created an idea: create a picture directory, for the web site, and the Club Directory. It was voted that the club rent 3 tables for the Meridian Mall Science Fair. **NEW BUSINESS:** Bruce/ KC8ODP has been working on Ladies Night and has narrowed the choices; details will be worked out soon. Details for Hamfest 2001 was also discussed. Our concern is traffic and if I-496 will be use-

ful for directions; it's quite obvious it won't be so we need to establish directions from I-96. A possibility for the "hands on" classes will be Foster Community Center; Garry/ KC8MAD and Marie/ KC8NOI (Garry's wife) will be looking into the details. Bruce/ KC8ODP reported that the Delta Township Fire Department is establishing an ARES/ RACES group. Don/ WB8NUS also has details about the new Delta Township group. Bruce/KC8ODP moved to close the meeting, Randall/ KC8IHV seconded. The meeting adjourned at 9:40pm.

Mike Sanders/KC8FCA-Secretary.

Another VE Session Planned in March

Due to the completion of our second Amateur Radio Class, on the campus of Michigan State University, Lansing VE Team Liaison, Larry Nordeen (N8VEN) has an additional session scheduled. As most of us know, we have a session planned for the 10th of March, but Larry now has added March 24th to the roster. Registration for the session will begin at 9:30am, with testing slated to start at 10am. We will meet in the McCall Room, in the lower level of the Lansing Red Cross. Further information is available by contacting Joe Denomme (N8VYS) at 517.589.5263. This session is also an open one, so if you are planning to attend, please DO call Joe and let him know you will be there.

Our congratulations to those who have worked hard to bring this second class together and we wish the candidates well on their testing.

VE report for the year 2000:

Our VE team has assisted 30 applicants in earning their first licenses by providing 7 exam sessions in the Lansing area.

This is more than double the number earned in 1999, and is probably the result of the successful MSU class last spring and the additional hamfair exam opportunity.

Also, 67 upgrades were processed, and a total of 132 exam elements were administered.

Please recognize the efforts of our VEs who have generously volunteered their time to provide these exam opportunities.

VEs participating in the year 2000:

JAMES BATES	W8ERV
DENNIS BOONE	KB8ZQZ
KEITH COLISTER	K8CWQ
LOWELL CORBIN	W8IQB
JOSEPH DENOMME	N8VYS
DON DEVENDORF	W8EGI
STEPHEN DIBLE	W8CRH
DAVE HUMPHREYS	N8WTH
JOHN INGRAHAM	NG8L
GUS KOUKLIS	K8KU
JOHN KREER	WA8ZTQ
JOHN LAROCK	K8XD
DON McLAIN	KB8RAD
MIKE SHANBLATT	K8MAS
ROY UCHIGASHIMA	N8GAQ
TOM ROCHELEAU	WA8WPI

Thanks,

Larry Nordeen N8VEN VE Liaison

Ladies Night Banquet Coming

The latest word from Bruce Rainey (KC8ODP) is that all systems are GO for the 2001 Ladies Night Banquet, Saturday, May 12th. As in past years, the banquet will be held at the Coral Gables restaurant, on Grand River, in East Lansing. Cost is \$15.25 per

person.

Festivities begin at 6:30pm and run until about 10pm, with this year's entertainment still to be announced. Menu items include Sizzler Steaks, Chicken or Fish (your choice), with potatoes and veggies to boot. We expect dessert will be provided, as has been past practice, so bring your appetites.

Ladies Night is also 'The Big Night', where the recipient of the prestigious Ziegenbein Award is announced.

All members and guests are welcome, so please see Bruce at the meeting in March or April to assure yourself a good seat.

Delta Twp. Looking for Help

The Delta Township Fire Department is seeking volunteers to set up a RACES Program for severe weather operations, as well as other emergency type work. Amateur Operators are needed.

For more information, please call Al Conn (W8RXY) at 517.321.5704 after 5pm, or Don Tillitson (WB8NUS) at 517.321.2004 anytime.

AK, NV JOIN STATES SEEKING PRB-1 LEGISLATION

Two more states have joined the list of those seeking to get Amateur Radio antenna legislation on the books. Efforts are under way to incorporate the provisions of the limited federal preemption known as PBB-1 into state law in Alaska and Nevada.

The Alaska proposal, Senate Bill 78, seeks a minimum regulatory height limit of up to 200 feet for

Amateur Radio antennas or structures--similar to the Virginia Amateur Antenna law. The Nevada proposal, Assembly Bill 61, represents the first attempt on the state level to limit the impact of private covenants, conditions and restrictions--so-called CC&Rs--on Amateur Radio antennas.

ARRL Alaska Section Manager Kent Petty, KL5T, credited "the dedicated and tireless efforts" of Dan Squires, KD7WN, and Rob Wilson, AL7KK, as well as ARRL Northwestern Division Director Greg Milnes, W7OZ, with moving the bill forward. Sponsored by Sen Robin Taylor, SB 78 was introduced February 8 and referred to the Community and Regional Affairs Committee.

The Alaska bill would establish a three-tier minimum regulatory height schedule that depends on the population density of the community in which the antenna is installed and the size of the lot on which it is sited. The minimum would be 75 feet in areas with population densities more than 120 people per square mile. A minimum regulatory height of 140 feet would prevail in areas with population densities of more than 120 people per square mile and a lot size of an acre or larger. The top-tier 200 feet minimum regulatory limit would apply in areas where the population density is 120 people or less per square mile.

Petty is encouraging members of the Alaska Amateur Radio community to contact their state senators and representatives to support the measure (visit <http://www.legis.state.ak.us/> for more information).

In Nevada, the PRB-1 bill was filed February 1 by Assemblyman Bob Beers, WB7EHN, and referred to the Committee on Government Affairs. The proposal (<http://www.leg.state.nv.us/71st/bills/AB/AB61.html>) would require local ordinances to "reasonably accommodate amateur service communications" and "constitute the minimum level of regulation practicable to carry out the legitimate purpose of the governing body." The bill would not apply to historic or architectural preservation districts.

In a unique twist, however, the Nevada measure would make "void and unenforceable" any provision in a deed covenant, restriction or condition that "precludes amateur service communications" or "unreasonably restricts the placement, screening or height of a station antenna structure" that might significantly decrease antenna performance or that does not allow for the use of an alternative station antenna "at a comparable cost and with comparable efficiency and performance."

The bill's provisions would not apply to CC&Rs in Nevada already "executed and recorded" at the time the bill goes into effect.

Ten states now have incorporated the essence of PRB-1 into their lawbooks. For more information on PRB-1 and Amateur Radio antenna regulation, visit ARRLWeb, <http://www.arrl.org/FandES/field/regulations/#local>.

James Wades

ARRL Section Traffic Manager, Michigan

Deborah Kirkbride

ARRL Section Emergency Coordinator, Michigan

P.O. Box 19822

Kalamazoo, MI. 49019

Dear Fellow Radio Amateur:

We are writing you via your Amateur Radio Club in response to concerns recently expressed by a variety of agencies traditionally served by the Amateur Radio Community.

In recent months, considerable concern has been expressed regarding the apparent lack of participation in ARES, RACES, and Skywarn programs throughout the State of Michigan. In some areas, participation has fallen to the point where critical programs, such as the Skywarn spotter networks are no longer capable of providing a single station for liaison to the local National Weather Service Office.

It appears that many radio amateurs are of the opinion that our services are no longer required in the era of cellular telephones and the Internet. In reality, Amateur Radio services continue to be in high demand amongst the emergency management and public safety community. While our role continues to evolve with advances in telecommunications technology, the demand for our services continues unabated. Unfortunately, few radio amateurs seem willing to take the time to enroll in Amateur Radio Emergency Services or related programs.

Here are some facts:

Less than one percent of Michigan Radio Amateurs are registered with their local ARRL Emergency Coordinator. Only a fraction of those registered actively participate in ARES, NTS, or Skywarn activities. Some counties in Michigan do not even have an Emergency Coordinator, let alone an effective ARES program.

In other words, only a small fraction of licensed radio amateurs within our State are paying the toll for continuing access to valuable RF spectrum.

The following questions may seem "blunt," but please consider the following:

Do you believe that the government and the people of the United States allow us access to Radio Frequency Spectrum capable of generating billions of dollars in economic growth and job production simply so we can casually converse on two meters? Do you believe that Amateur Radio exists simply to provide an inexpensive "Family Radio Service" type of communications?

I suspect you will answer "no" to both of these questions. You will also likely agree that Amateur Radio exists because it is in the public interest. This will be obvious to all who have read the FCC Regulations governing the Amateur Radio Service.

We are asking all Michigan Radio Amateurs to make a small investment of time in the future of Amateur Radio simply by occasionally participating in an organized public service communications activity. One way to do this is simply by registering with your local ARRL Emergency Coordinator.

Currently, our most pressing need is for additional participation in Skywarn Networks. In the coming months, Michigan will be entering another severe weather season, along with which comes the potential for damaging thunderstorms, tornadoes, flash flooding, and related events. Unfortunately, many of our Skywarn Spotter networks are seriously understaffed. Several National Weather Service Offices have made significant investments in Amateur Radio equipment during the past year, only to find participation lacking.

Please take an evening to attend an upcoming Skywarn Training Class in your area. These classes typically run from 1.5 to 2 hours; a small investment in time for the value one obtains from the Amateur Radio Service. Furthermore, take the time to register with your local ARRL Emergency Coordinator and participate in the occasional Skywarn net or other emergency activation.

A complete list of upcoming Skywarn training classes will be posted to the Internet within the coming weeks. These schedules are available through your local NWS Web Page or via the Michigan Net, QMN, Web Page: www.qsl.net/w8ihx/

Please act now to make an investment in the future of Amateur Radio.

Sincerely,

James Wades,

ARRL Section Traffic Manager

Deborah Kirkbride,

ARRL Section Emergency Coordinator

March 15th

FINAL Call for Ziegenbein Nominations

March 15th

Funny how time flies when you're having fun, isn't it? Well, the ride's just about over, so please keep your hands in the car until it comes to a complete stop and make final preparations for your Nominations for the 2000 Ziegenbein Award. And now, a word from our sponsor (with all the legal stuff)...

Pursuant to the bylaws, which were re-submitted and approved, this is the final official notification that your nominations for the 2000 Ziegenbein Award are now being accepted. As you should be aware, the annual award, CMARC's highest honor, is presented at the May Ladies' Night Banquet. The Nomination Committee is comprised of the last three winners of the Ziegenbein and include the following: Roy Uchigashima (N8GAQ) <senior member>, Julie McLain (KB8ZXR) and Pam Denomme (KB8PSF).

Pursuant to the bylaws, *nominees MUST be current CMARC members, the nominations MUST be made in writing (no chain letters or duplicates allowed), ALL nominations are to be mailed and must be submitted to the Committee members no later than 15 March, 2001.*

Nominations can be sent to Julie McLain (KB8ZXR), 4444 Sycamore #1, Holt, Michigan 48842.

Good luck to all and get those nominations in.

To: the Central Michigan Amateur Radio Club, Board of Directors

From: Jaymes Kenyon, KC8DJH
Clint Hannahs, KC8HER

Date: 15 January 2001

Re: Lansing Area SKYWARN

As many are aware, annual SKYWARN spotter training for amateurs in the Lansing area has, in years past, been made possible thanks to the efforts of the Central Michigan Amateur Radio Club. CMARC, in coordination with its affiliated ARES personnel and the National Weather Service, allotted time during its annual April meetings for the purpose of offering SKYWARN spotter training to its membership, the local amateur radio community, and the general public.

In recent times, the Ingham County Amateur Radio Public Service Corps (IC-ARPSC) has become active and has grown in organization. The IC-ARPSC, which embodies RACES, ARES, and NTS collectively, is now the major ARES authority of Ingham County.

Given that SKYWARN is a special sector of ARES organization, Lansing Area SKYWARN shall now be led under the direction of the IC-ARPSC and the NWS. The IC-ARPSC is well qualified to maintain the net and the responsibilities that go with it. We feel that this transfer of responsibility will benefit the Lansing Area SKYWARN net, and that is our goal. We thank you for your cooperation.

Sincerely,

Jaymes S. Kenyon, KC8DJH
Net Control, Lansing Area SKYWARN
ARRL Assistant Emergency Coordinator, Ingham County

Clint K. Hannahs, KC8HER
ARRL Emergency Coordinator, Ingham County

Ruminations

It is with sadness that I announce to the CMARC members that Sue McGuire, wife of Dick – KI8C, passed away in January. Our condolences to Dick and the family.

In last months article I indicated that there were some VEs that I was not aware of. I also knew some and just forgot them in the rush to get this to Erv. VEs not listed previously, serving on various teams in the general area are:

Bil - W8EB; Tom – KI8AS; Bob – W9NIP; George – W8WM; Russ – N8FZ; Gus – K8KU; Dave – N8WTH; and Mark – AA8TC.

The CMARC Under 22 Director, Emily Shanblatt - W8ELS has volunteered to serve as Boy/Girl Scouting Liaison, as she is a scout herself. Thank you Emily.

The CMARC Secretary & Cards & Flowers chairman, Mike Sanders - KC8FCA has volunteered to serve as the CMARC Public Information Chairman. Thank you Mike.

CMARC still needs a volunteer to serve as Field Day Chairman. The chairman from last year is not available to serve this year. If you would like an opportunity to serve the club, please contact me.

Garry – KC8MAD reported at the Feb. meeting he had found a location for CMARC to hold some workshops. The Foster Community Center in Lansing has a craft room that will serve us well for projects involving soldering (kit building) and cutting metal tubing (antennas). Randy - KC8IHV has talked to them and they are willing to work with us regarding available times. Weeknights (until 9 pm) and Saturdays (9 to 5) are available. Those of you that are interested in Elmering a kit building group, or antenna building group, please contact me. Those interested in participating as a student, please contact me. Thanks Garry and Randy.

Bruce - KC8ODP has reserved Coral Gables on May 12th for our awards banquet. He is still working on the entertainment. The menu will be the same and the cost per person must be at least \$15.00. Thanks Bruce.

Steve – W8TOW, will present the program for the March meeting. Steve will enlighten us on the subject of refurbishing vintage Amateur Radio equipment. Thanks Steve for a fine program. Please check the announcements elsewhere in the scope for additional information.

I welcome your comments and suggestions as we work together to make CMARC an even better organization. You may contact me at kc8dbp@arrl.net, or telephone 517-725-1853 (long distance for most of you).

73 de KC8DBP

Something Funny, Something Special

Humorous, Sometimes Touching Submissions from our Members and Others

The Cracked Water Pot

A water bearer in India had two large pots, each hung on each end of a pole which he carried across his neck. One of the pots had a crack in it, and while the other pot was perfect and always delivered a full portion of water at the end of the long walk from the stream to the master's house, the cracked pot arrived only half full.

For a full two years this went on daily, with the bearer delivering only one and a half pots full of water in his master's house. Of course, the perfect pot was proud of its accomplishments, perfect to the end for which it was made. But the poor cracked pot was ashamed of its own imperfection, and miserable that it was able to accomplish only half of what it had been made to do.

After two years of what it perceived to be a bitter failure, it spoke to the water bearer one day by the stream. "I am ashamed of myself, and I want to apologize to you."

Why?" asked the bearer. "What are you ashamed of?"

"I have been able, for these past two years, to deliver only half

my load because this crack in my side causes water to leak out all the way back to your master's house. Because of my flaws, you have to do all of this work, and you don't get full value from your efforts," the pot said.

The water bearer felt sorry for the old cracked pot, and in his compassion he said, "As we return to the master's house, I want you to notice the beautiful flowers along the path."

Indeed, as they went up the hill, the old cracked pot took notice of the sun warming the beautiful wild flowers on the side of the path, and this cheered it some. But at the end of the trail, it still felt bad because it had leaked out half its load, and so again it apologized to the bearer for its failure.

The bearer said to the pot, "Did you notice that there were flowers only on your side of your path, but not on the other pot's side? That's because I have always known about your flaw, and I took advantage of it. I planted flower seeds on your side of the path, and every day while we walked back from the stream, you've watered them. For two years I have been able to pick these beautiful flowers to decorate my master's table. Without you being just the way

you are, he would not have this beauty to grace his house."

Moral: Each of us has our own unique flaws. We're all cracked pots. But it's the cracks and flaws we each have that make our lives together so very interesting and rewarding. You've just got to take each person for what they are, and look for the good in them.

There is a lot of good out there. There is a lot of good in us! Blessed are the flexible, for they shall not be bent out of shape.

Remember to appreciate all the different people in your life! Or as I like to think of it--if it hadn't been for the crackpots in my life, it would have been pretty boring and not so interesting...

Thank you for being my crackpot friends. Knowledge protects... Ignorance endangers.

Density refers to One's conscious awareness only. Once One is aware...ALL conforms to that awareness.

Thanks to Jane Law, KC8FSK, for her submission this month. If you want to submit a humorous, or touching story, please read the note below.

Attention Story Collectors: Got something funny or touching to share with us-Why not submit it? Email Erv_w8erv@arrl.net or call him 676-2710

The Y2K CMARC Board

The 2001 LCDRA Board

The SCOPE is published monthly by the CENTRAL MICHIGAN AMATEUR RADIO CLUB in association with the LANSING CIVIL DEFENSE REPEATER ASSOCIATION.

Congratulations to our 2001 CMARC Officers

Pres: Michael D. Rhew-KC8DBP ph: (517) 725-1853
Vice Pres: Ken Faiver-W8HNI ph: (517) 321-8170
Sec: Michael Sanders-KC8FCA ph: (517) 346-7428
Treasurer: Pam Denomme-KB8PSF ph: (517) 589-5263
Dir: Bruce Rainey-KC8ODP ph: (517) 627-9118
Dir: Randall Stortz-KC8IHV ph: (517) 882-3298
Under 22: Emily Shanblatt-W8ELS ph: (517) 332-0489
Cards & Flowers Chmn.: Michael Sanders-KC8FCA ph: (517) 346-7428
Membership Chmn.: John Ingraham-NG8L ph: (517) 484-8027
Meetings: 1st. Friday of every month at the Red Cross, Lansing Chapter, 1800 E. Grand River at 7:30pm.
Club Calls: W8MAA & W8PLP
QSL & Awards Mgr.: Don DeFeyer-KC8CY
Scope Editor: J. Ervin Bates, W8ERV Email address: w8erv@arrl.net
Deadline for articles: 15th. of month.

Congratulations to Our Newly Elected LCDRA Officers:

Pres: Dan Harger-W8BCI ph: (517) 882-8784
Vice Pres: Don Rickerd-W8BQD ph: (517) 339-8496
Sec: Troy Creed-W8TCC ph: (517) 323-6358
Treasurer: Scott Newfer-W8SRN ph: (517) 381-8148
Dir: Hal Bell-W8LAY ph: (517) 484-0962
Dir: Bruce Rainey-KC8ODP ph: (517)
Repeater Trustee: Dennis Boone-KB8ZQZ

LCDRA Call: WB8CQM

Meetings: Quarterly, on the 3rd. Thursday at 7:30pm. at Lansing Fire Dept., Station #8, on Marshall St. at Grand River, just west of the Red Cross. *Ask Clint to show you the EOC station they have worked so hard to build up.*

Central Michigan Amateur Radio Club Treasurer's Report

Account Balances as of February 2, 2001

ASSETS:

Cash & Bank Accounts	
Mich. Nat'l Bank Checking	\$857.80
USPS Postal Deposit	<u>\$240.23</u>
TOTAL Cash & Bank Accounts	\$1,098.03
Other Assets	
Comerica Bank CD	<u>\$1,349.65</u>
TOTAL ASSETS:	\$2,447.68
LIABILITIES:	\$0.00
TOTAL NET WORTH:	\$2,447.68

Income & Expenses: January 5-February 2, 2001

INCOME

Coffee Fund	\$23.29
ARRL Dues Rebate	\$5.00
Dues	<u>440.00</u>
TOTAL INCOME:	\$468.29

EXPENSES:

SCOPE Mailings	\$47.05
ARRL Outgoing QSL	\$6.00
Postage-Stamps	\$6.80
Supplies-Deposit Slips	\$29.00
Bulk Permit Fee	\$100.00
Science Day Tables	\$45.00
Service Charges	<u>\$27.94</u>
TOTAL EXPENSES	\$261.79
TOTAL NET PROFIT	\$206.50
Transferred from Checking to US Postal Account	\$200.00

Respectfully Submitted,
Pamela Denomme-KB8PSF, Treasurer

MARCH BIRTHDAY'S AND ANNIVERSARIES

- 4 – Jim Harvey/KA8DDQ's 52nd B'day!
- 10 – John Fairbank/KC8HGB and Wife's Anniv.!
- 12 – Dale Moore/K8YRD's 73rd B'day!
- 17 – Tom Cain/KB8ZL and Wife's 33rd Anniv.
- 17 – Laurie Bates' 38th B'day!
- 17 – John Fairbank/KC8HGB's 59th B'day!
- 21 – Ken Hull/WR8S and Wife's 59th Anniv.
- 22 – Ken Harris Sr./W8KWO's 92nd B'day!
- 22 – Candice Knepper/WD8IMJ's 40th B'day!
- 23 – Alton Stoddard/KD8MB's 50th B'day!
- 23 – Herbert Terbrack KB8QEZ's 52nd B'day!
- 26 – Forrest Clark/N8PWD's 70th B'day!
- 26 – Lowell Hoyland/KC8ARG's 64th B'day!
- 27 – Douglas Risdon/KM8P's 61st B'day!
- 28 – Mike Rhew/KC8DBP's 49th B'day!
- 28 – Tyler Head/KC8LWG's 17th B'day!
- 28 – Bob Wright/W8QN's 83rd B'day!
- 30 – Marc Rosenthal/WB2FGV's 46th B'day!
- 31 – Paul Carpenter III/KB8YQW's 42nd B'day!

Reminder:Orders for HamTags Taken at March Meeting

For those of you who have taken a fancy to the advertisement to below this notice, you will be happy to know that we are taking orders for HamTags at the March meeting. All you need to do is plan what you want your HamTag to say (22 characters or less) and if you want it in Gold or Silver. We'll do the rest of the legwork.

Remember that CMARC gets \$10 for every HamTag sold and please plan to come and order one for your vehicle.

Introducing HamTags!



Constructed of injection molded plastic, just like the automakers use. Foil-coated, then triple sealed for years of use on your vehicle. Say virtually ANYTHING (up to 22 characters). Offered with Auto Industry standard adhesive. Every HamTag sold through CMARC brings \$10 BACK to us!

Chrome \$39.95
Gold \$44.95

www.hamtag.com

Ingham Co. ARPSC Training Meetings

If you are an RACES or ARES member, and wish to play an active role in the Ingham County ARPSC Group, you are invited to attend the Ingham County ARPSC meetings. These meetings are held the third Monday at 7pm each month. They alternate between the Ingham County Sheriff's, Department; 630 N. Cedar St, Mason and Fire Station #8; on the corner of Marshall St. & Grand River, Lansing. Talk in frequency is the Okemos repeater - 145.390MHz 100Hz PL.

Every other Monday during the month, there is the Ingham County ARPSC net held at 9pm on 146.580MHz. This net is held for RACES/ARES equipment check and information pertaining to RACES/ARES members.

If you have any questions, please contact Clint Hannahs, The Ingham Co. Emergency Coordinator, at kc8ehr@arrl.net or Cary M. Britten, The Assistant Ingham Co. Emergency Coordinator, at kc8jka@arrl.net

Ingham Co. ARPSC 2001 Meeting Schedule

March 19th-Fire Station #8 in Lansing
April 16th-Sheriff's Dept. in Mason
May 21st-Fire Station #8 in Lansing
June 18th-Sheriff's Dept. in Mason
July 16th-Fire Station #8 in Lansing
August 20th-Sheriff's Dept. in Mason
September 17th-Fire Station #8 in Lansing
October 15th-Sheriff's Dept. in Mason
November 19th-Fire Station #8 in Lansing
December 17th-Sheriff's Dept. in Mason

Local and Area VE Sessions

Lansing V.E. 2001 Test Dates

Testing is held at the Lansing America Red Cross, in the Kropschot Room at 1800 E. Grand River; Lansing, MI 48909 Talk-In 145.390 - (100hz PL)

Registration begins at 9:30am and testing starts at 10:00am for the following dates:

Mar. 10th, Mar 24th, May 12, Jul. 14th, Sep. 8th, Nov. 10th.

VE Team's local contact is Joe Denomme-N8VYS at (517) 589-5263

Corunna VE Testing

Apr. 26, 2001, Jun. 28, 2001, Aug. 23, 2001,
Oct. 25, 2001, Dec. 27, 2001

6:30pm Registration

Email: aa8tc@arrl.net

Call in frequency is 147.020 +

Charlotte VE Testing

On the 2nd Saturday of the even months at the
Eaton Co. Sheriff Dept.

Email: x95korroch@wmich.edu

12 Noon Registration

Talk-In frequency is 147.080 +

Howell VE Testing

On the 2nd Tuesday of the odd months at the
Emergency Operations Ctr.

Highlander Way, Howell, MI. 7pm.

Contact: Greg Mcdiarmid-AA5GO
517-548-5893

Talk-In frequency is 146.680 - (100 hz PL)

Mt. Clemens VE Testing

On the 1st and 3rd Saturdays of the month at
the Salvation Army in Mt. Clemens, MI

Contact: Bill Chesney 810-468-8345

7pm. Registration~Talk-In frequency is 147.180
+ (100 hz. PL)

Grand Rapids VE Testing

On the 1st Friday of the month at the Red
Cross,

1050 E. Fuller Ave., NE, Grand Rapids.

6:30pm.

Contact: Ed/N8UXN 616-458-9029

Talk-In frequency is 146.760 - (94.8 PL)

Jackson VE Testing

On the 3rd Saturday of most months (10am) at
the Jackson District Library, 244 W. Michigan
in Jackson, MI

Contact: Dick McGuire 517-782-1430

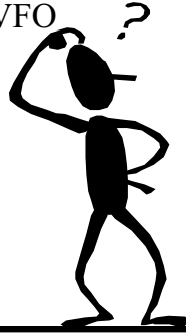
Walk-Ins Welcome! Talk-In frequency is
146.880 - (100 hz. PL)

COMPUTER WORDS

BY WA8LAY

Word list

AUDIO	KEYING
BASIC	LEAK
BIAS	MOPA
BUFFER	PRIMARY
CODE	RICE
DIRECT	SHAPING
DISTORTION	SIDEBAND
DUMMY	SOUND
EARPHONES	STONE
GRID	TRANSISTOR
HEISING	TRIODE
HUM	VFO



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B U F F E R O T H N U V
I X E R D E O D U M M Y
A C Q H J G C P M O Y P
S H A P I N G I P T W V
I D U P R I M A R Y N O
D I S T O R T I O N H Q
E E A R P H O N E S E P
B E U L H D O T Y J I V
A Q D S E B F O Q E S D
N D I O D A V N Y O I E
T R A N S I S T O R G G
U G J D T C E R I D A F
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Calendar of Events for March, 2001

Mar-2nd CMARC Meeting 7:30pm
Mar 3rd- 5.39 Breakfast, Flap Jack (6927 S. Cedar) 7:30am
Mar-14th OOTC Lunch 1pm. (contact Jerry Maslowski or Irv Graham for location)
Mar-17th Crossroads Swap, Marshall, MI (Jim Holloway 616.963.6602)
Mar-31st QCWA Breakfast, Flap Jack (6927 S. Cedar) 8am

Monday evenings at 9pm, ARPSC Net 146.580 simplex, No PL tone

Tuesday evenings at 8pm, QCWA Net 146.700 -600

Sunday evenings at 8:30pm, 5.39 Information Net, 145.390 -600 100hz PL

<p>Use of the repeaters does NOT require membership, but your support is greatly appreciated.</p> <p>P.O. Box 80106, Lansing, Michigan 48908</p> <p>Send Check or MO to: L.C.D.R.A.</p> <p>(Dues cover annual membership from January to January)</p> <p>LC/DRA Membership \$15* Add a family member at \$7.50 per person</p> <p>LC/DRA Membership \$10 per year* Associate Membership \$5 per year</p>	<p>As a licensed Amateur, you can sign up today as a FULL member. As a full member of C/MARC, you 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.</p> <p>2807 Greenbriar Ave., Lansing Michigan 48912</p> <p>Please remit to: John Ingraham-NG8L, Membership Chairman</p>
Name _____	Name _____
Address _____	Address _____
City _____ State _____ ZIP _____	City _____ State _____ ZIP _____
Phone No. _____ Lic. Class _____	Phone No. _____ Lic. Class _____
ARRL Member? _____ Date of Birth _____	ARRL Member? _____ Date of Birth _____
Your Wedding Anniversary: _____	Your Wedding Anniversary: _____
Email Address: _____	Email Address: _____

Lansing Civil Defense Repeater Association



THE SCOPE



Central Michigan Amateur Radio Club

Central Michigan Amateur Radio Club
P.O. Box 27321
Lansing, Michigan 48909-7321

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March, 2001
“Celebrating 80 Years of Service to the Greater Lansing Area!”