

A New Look for the New Millennium - February 2000



Central Michigan Amateur Radio Club

THE SCOPE



Lansing Civil Defense Repeater Association

www.qsl.net/cmarc **Serving Our Community Since 1921** www.qsl.net/lcdra

A Call for Ziegenbein Nominations

Hard to believe, but it's time to get your nominations ready for the annual Ziegenbein Award. The award, named after Ralph Ziegenbein (W8PLP) <SK>, is given each year to the Amateur who most exemplifies the late "Mr. Ham Radio", in their dedication and contribution to CMARC and the Hobby. The nominees' names are submitted to the Committee, which is comprised of the previous 3 years' winners. From there, a winner for the last calendar year is chosen to receive the honor. As is tradition, the Ziegenbein is presented at the Ladies' Night Banquet, held in lieu of May's meeting at a fine local eatery, where the gentlemen and their YL's enjoy an evening out, complete with entertainment.

Representing the Ziegenbein Committee this year are: Don Devendorf (W8EGF), who replaces Pete Elrod (N8EST) <SK> for 1996. The 1997 honoree, Roy Uchigashima (N8GAQ) and 1998's Julie McLain (KB8ZXR) round out the team.

Submissions for nominations are requested to be sent to: Ziegenbein Nominations, C/O Julie McLain, 4444 Sycamore #1, Holt, Michigan 48842. *Deadline for nominations is April 15, 2000* and we have been assured that ALL nominations will remain sealed in an old mayonaise jar, in an undisclosed secret location until the deadline passes. (Hope that jar is cleaned out first... Whew!)

Special Event Station Marks CMARC's 50th With ARRL

On February 20, 1950 the Central Michigan Amateur Radio Club began its relationship with the American Radio Relay League. Some 50 years later, we are proud to announce a Special Event Station to mark the auspicious occasion. Unfortunately, the early Spring weather can be less than a joy to operate in, unless it is by a roaring fire somewhere warm. CMARC's own Joe Denomme (N8VYS) has a better idea....how bout from the comfort of a motor home in downtown Mason?

Mark your calendars, because everyone is invited to join the fun. April 29, 2000 from 10am to 4pm, we plan to operate our Club call, W8MAA, to celebrate this milestone in CMARC history. Plans are under way to operate from the courthouse, which is in Ingham's County Seat, Mason. We will operate 14.250 on 20m and locally on the 145.390 repeater, so please tell your friends and come out for some operating time..

A special color "suitable for framing" certificate will also be available. All you will need to do is QSL W8MAA with an SASE 9"x12" envelope and we'll do the rest. Please allow a couple weeks, as we anticipate a couple hundred of these coming in and we'll get em out as fast as we can.

More information will be passed along in the next issue of the SCOPE, so keep an eye out for it!

National Amateur News

All National Amateur News Courtesy of The ARRL Letter

ENHANCED AMATEUR ENFORCEMENT ENTERS A NEW YEAR

As the new year gets under way, FCC Special Counsel for Amateur Radio Enforcement Riley Hollingsworth hinted he might have to break bad on hard-core offenders this year. He explained that poor or lax FCC enforcement in the past led him to be more forgiving of rulebreakers during his first full calendar year in the enforcement chair. Now, those who persist in operating outside of the stated basis and purpose of Amateur Radio "are beginning to try our patience," he said. "I can't say we're going to be as compassionate this year."

Hollingsworth said he expected to continue his focus on incursions into the 10-meter band by unlicensed operators, especially as propagation gets better, and on equipment certification issues. "We're very concerned about the illegal equipment we see for sale at hamfests," he explained.

Overall, however, malicious interference remains "the basic problem," as he put it. "We're going to use the High-Frequency Direction Finding Center at Laurel [Maryland] more this year" to track down rulebreakers, he said. In addition, Hollingsworth now has enhanced monitoring tools at his Gettysburg office, allowing him access to the HFDF Center's 14 antenna fields plus VHF-UHF "pods" that can be moved around as necessary. "We have dial-in capabilities to all of our antenna fields and to the pods, so we can cover HF, UHF, and VHF anywhere in the country, right here from the Gettysburg office," he explained.

"It's a force multiplier, so to speak," Hollingsworth said of the new capabilities.

Hollingsworth also says he's upbeat about the future of ham radio and the FCC's Amateur Radio restructuring plan announced December 30. "I'm really optimistic about it," he said this week. "I think

that it's a good idea to simplify things a little bit as far as the number of license classes," he added, referring to the new three-tiered system.

Hollingsworth said he believes Amateur Radio needs more young blood to keep it going in the future, and he thinks the new licensing system that becomes effective April 15 might help in that regard. He declined, however, to comment further on the specific policies and rules the FCC's Wireless Telecommunications Bureau laid down in its Report and Order, saying it would not be appropriate.

MALICIOUS INTERFERENCE CASES TOP FCC LIST

As the latest batch of FCC correspondence reveals, malicious interference cases continue to comprise the bulk of amateur enforcement cases facing FCC Special Counsel for Amateur Radio Riley Hollingsworth. Recent allegations of deliberate and malicious interference have involved both HF and VHF/UHF operation. Here's a sampling.

On December 30, 1999, the FCC wrote Amateur Extra licensee Frederick J. Roll, NU5M, enclosing a tape recording it said was of a November 13, 1999, QSO between NU5M and KC1ZQ on 14.313 MHz that allegedly included harassing behavior. Hollingsworth said the tape was made by the FCC's High-Frequency Direction Finding Center in Columbia, Maryland. The FCC requested that Roll provide a full explanation of the transmissions and said his response would be used to determine what action the FCC would take in the matter. The FCC also set aside a recent vanity call sign grant to Roll, pending the outcome of the case.

The FCC put Amateur Extra licensee Arthur Visser, W9ART, on notice December 30 that it intends to designate his license for revocation if it learns of additional allegations of malicious interference

by the licensee. The FCC says it's received "numerous complaints regarding malicious interference and jamming" apparently originating from Visser's station on 3.950 MHz, most recently on Christmas Eve. The FCC had issued Visser a Warning Notice January 8, 1999, regarding similar allegations. Hollingsworth told the ARRL January 6, 2000, that he and Visser had been in touch by telephone "in an effort to resolve the issues" that led to the FCC letter.

Meanwhile, the FCC wrote General licensee Jeffrey J. Pipenur, WA8IKW, in late December, setting aside his license renewal, granted last October 19. Hollingsworth told Pipenur that the FCC had monitoring evidence indicating that the licensee has "deliberately and maliciously interfered with radio operations of other amateur licensees on 3.865 MHz" last April 13 and 14 and last November 21. The FCC also has sent Pipenur tape recordings of his April 1999 transmissions and requested his response. "This matter will have to be resolved before we can make a decision on your renewal application," Hollingsworth told the licensee.

Hollingsworth told the ARRL that the FCC has received renewed allegations of VHF repeater interference in connection with Anthony J. Barben Jr, N2WNF, of Brooklyn, New York. In June 1997, Barben consented to a 15-month license suspension as part of an FCC effort to resolve a rash of interference cases in the New York City-Long Island area. The suspension followed accusations of willful and malicious interference, using obscene or indecent language and failure to identify. On December 28, 1999, the FCC requested that Barben retake his Technician class Amateur Radio examination under the supervision of FCC personnel by January 30, 2000.

Other repeater interference cases involved two stations in California. The FCC sent Advanced licensee Jensen W. Woods, AH6MX, a Warning Notice for alleged interference with the KC6OKA

repeater system in the LA area. Another Warning Notice went out to Technician licensee Gary R. Dent, KE6JUV, for alleged interference to an ATV repeater.

Hollingsworth has said he plans to make more use of the FCC's High-Frequency Direction Finding Center to track down rulebreakers in the coming year. In addition, Hollingsworth now has enhanced monitoring tools at his Gettysburg office.

QUESTION POOL COMMITTEE EYES FEBRUARY 1 RELEASE DATE

A revised Amateur Radio question pool that reflects the April 15, 2000, restructuring rules could be out by February 1. Chairman Ray Adams, W4CPA, of the National Conference of Volunteer Examiner Coordinators' Question Pool Committee says the QPC is in "band aid" mode right now and will try to get "something usable into public domain for all three of the new written pools by February 1 or very shortly thereafter."

Adams says that a Technician class syllabus already has been drafted and approved. The various QPC members have been keeping in touch by telephone and e-mail since the FCC announced the restructuring rules December 30.

"We will go back over the newly configured pools, refining them and updating in a methodical manner with the order to be decided by the NCVEC when next session," Adams said this week. He said the revised question pools will follow the established format.

After April 15, 2000, the FCC will only issue Technician, General, and Amateur Extra class licenses. Novice and Advanced licensees will retain current operating privileges and may renew indefinitely. Applicants desiring HF privileges will only have to pass a 5 WPM Morse code test. Current Amateur Radio study materials remain valid at least until the

new rules become effective in April.

The new licensing regime has four examination elements: Element 1, the 5 WPM Morse code test; Element 2, a 35-question Technician test; Element 3, a 35-question General test; and Element 4, a 50-question Amateur Extra test.

Frequently Asked Questions on restructuring are available at <http://www.arrl.org/news/restructuring/faq.html/>. A copy of the entire Report and Order (FCC 99-412) is available at <http://www.arrl.org/announce/regulatory/wt98-143ro.pdf> or at http://www.fcc.gov/Daily_Releases/Daily_Business/1999/db991230/fcc99412.txt.

ARRL PURCHASES COMMUNICATIONS QUARTERLY

The ARRL has purchased the Amateur Radio technical journal Communications Quarterly from CQ Communications and will merge the publication with the League's technical journal QEX. The change becomes effective for subscribers starting with the March/April issue of QEX. The new combined publication initially will serve a joint readership of more than 7000. The magazine will bear the legend, "QEX, incorporating Communications Quarterly."

ARRL Executive Vice President Dave Sumner, K1ZZ, said the League is pleased to have the opportunity to demonstrate its ongoing commitment to technical excellence in Amateur Radio through the combined publication. "Merging Communications Quarterly into QEX provides a rare synergistic opportunity to turn two good publications into one that's even better," he said.

The purchase arrangement followed extensive discussions with Communications Quarterly publisher Dick Ross, K2MGA. Conversations about the viability of Communications Quarterly and of QEX as

standalone magazines—combined with the League's commitment to maintaining a publication devoted to technical and experimental topics—resulted in an ARRL offer to purchase Communications Quarterly. Ross called the deal "a win-win situation." The purchase price was not disclosed.

Published for the past nine years under the editorship of Terry Northup Littlefield, KA1STC, Communications Quarterly has billed itself as "the philosophical successor of Ham Radio magazine." Littlefield was Ham Radio's editor when CQ Communications purchased the magazine in 1990, incorporating the general-interest portion of the magazine's content into CQ and launching Communications Quarterly as a venue for more highly technical material. Ross said he regrets that neither CQ nor the League has an opening for Littlefield, who is exploring new opportunities. "We're going to miss her," Ross said.

QEX Editor Doug Smith, KF6DX, will continue at the helm of the combined publication. Smith called the pairing of Communications Quarterly and QEX "a logical economic move" that ensures the availability of a top-quality technical forum for experimenters. Smith invited technical articles as well as specific suggestions for articles or topics to be covered in future editions of the magazine. Submit articles or suggestions to Doug Smith, KF6DX, kf6dx@arrl.org; QEX/Communications Quarterly, ARRL, 225 Main St, Newington, CT 06111.

Current Communications Quarterly subscribers will receive the combined QEX/Communications Quarterly every other month, and subscriptions will be extended according to a formula spelled out in a letter to subscribers. A subscription to the new, combined QEX/Communications Quarterly is \$34, discounted to \$22 for ARRL members. Direct subscription questions to Circulation Department, ARRL, circulation@arrl.org; 860-594-0355.

News From Around Town

Including Meeting Minutes from CMARC and LCDRA

Science Day At the Mall

Mark your calendar for Saturday, February 5, 2000. The annual trek to the Meridian Mall in Okemos for Science Day At the Mall is upon us and we need your support to make it happen. Last year's event was a success, despite the usual inability to make HF contacts from inside the steel and concrete RF vault, but we all had a great time.

Don Tillitson brings in his Weather goodies for the visitors to view and Joe and Pam Denomme take care of bringing in the Satellite information, as well as some HF/VHF gear for us to show off. Roy Uchigashima even showed up to take the bug for a spin (how DOES he make that thing cruise like that, without messing up?). Setup is at 9am and we'll be there from 11am to 4pm, so please stop out and visit. Give us a call on the 145.390 repeater and we can tell you where we are in that vast building, too! See ya there.

YL News Editor Needed

Guys, turn your ears and eyes from the page for a moment and please pass this to your wives. We are looking for someone (female) to write a monthly note for the ladies, including activities in the coming month, etc. No need to have the skills of a great writer or anything, just a straight-forward style would be sufficient. Please contact Erv (W8ERV) at w8erv@arrl.net and I will handle the rest. If you have email, you can even send it to me that way. Hope to hear from you soon and thanks. 73

LCDRA SPECIAL BOARD MEETING

DECEMBER 28, 1999

At 6:05 p.m., Clint/KC8EHR called the special meeting to order. Besides Clint, Don/KB8RAD, Hal/WA8LAY, and Scott/W8SRN were present. Clint reported that there was no reason to buy a generator for use out at the 145.39 site. Clint learned that we are already hooked up to a 2.5 Kw generator, which is fueled by the same LP-tanks used by the FEMA generator, that MSU tested every two weeks. Clint found out from MSU that hooking up to the FEMA generator was presently out of the question due to the amount of red-tape involved in making the hook-up. To illustrate, MSU would need to run a usage-survey to determine how much power our equipment would actually draw. If the power usage caused the load to go above the FEMA mandated maximum, which was quite low, the equipment could not be hooked up at all. Additionally, Clint reported that Greg/WB8LZG has CMARC's 4 Kw generator that is usually used at Field Day. Greg had told Clint that the generator had been started within the last week and had been serviced in the fall. Per Greg, this generator would run at a full load for approximately 6 hours on 2 1/2 gallons of fuel. Because the 145.39's load would be less, it was conceivable that the generator would have a longer run time. Clint stated that this generator could be brought over to the 145.39 site if the 2.5 Kw took a dump. Clint moved that we leave the 145.39 on battery back-up with the 2.5 Kw generator charging the batteries and use the 4 Kw generator if the 2.5 Kw goes down. Don/KB8RAD seconded. Motion carried and the meeting was adjourned.

Respectfully submitted,
Scott R. Newfer/W8SRN
Secretary

LCDRA MEETING

DECEMBER 16, 1999

At 7:30 p.m., Clint/KC8EHR called the meeting to order. The following officers were present: Clint/KC8EHR, Don/N8XME, Scott/W8SRN, Don/KB8RAD, and Hal/WA8LAY. Dan/W8BCI was excused. The following members were also present: Don/WB8NUS,

Don/W8BQD, Jim/KA8DDQ, Julie/KB8ZXR, Hazel/K8KXSX, Dan/W8MMQ, Bob/N8TNT, Cary/KC8JKA, Greg/KD8PA, Roxie/KC8GAK, Troy/W8TCC, and Paul/KB8YQW. Since our last meeting, Erv/W8ERV has been able to upgrade to Advanced and passed the written exam for Extra-class. Similarly, Chris/KC8CJA passed his 13 word-per-minute CW test.

Old Business

Don/W8BQD reported that Dan/W8BCI intended to purchase a generator for the 145.39 by December 31, 1999. The mobile home generators are out because the guy who owned them did not know how much he wanted for them. Clint/KC8EHR called Jim at WKAR and found that we were hooked up to a generator. However, this generator is not reliable and does not have much fuel. Regarding the FEMA generator, WKAR would need to do survey to determine whether our equipment would overdraw the system. Furthermore, we would need to hire a certified electrician to wire us up to the FEMA generator. Also, it was not known whether our equipment could use the FEMA generator in a non-declared emergency situation like a power-outage caused by an ice storm. Don/N8XME moved that the Association still check into the use of the FEMA generator and whether we could use it in a non-declared emergency situation. Don/KB8RAD seconded the motion. Motion carried.

Clint/KC8EHR informed the Association that Tom/KC8NJK still requires at least three more people to man various fire-stations on December 31, 1999. Clint implored people to step-up and volunteer. Clint wants the amateur community to impress the local governments with our abilities. As Carl/K8YHH told Clint, it is time for all of us who brag about amateur radio helping in emergencies to actually do our duty and help out.

Julie/KB8ZXR related that Erv/W8ERV wanted to know what was the status of the remote-remote site for the 145.47 portion of the Link. It appears that Erv, John/N8LLC, and others still cannot get into the Link with HT's. It was noted that the Association voted to explore the feasibility and the cost of using either a 1.2 GHz or a 440 MHz link to transmit the signal from a remote site at either WKAR or Ingham Medical to the main Link site at Onondaga. Because Dan/W8BCI volunteered for the task and is way too busy, the matter will be tabled until sometime next year.

Clint/KC8EHR again reminded those present that we are moving the meetings to the No. 8 Fire-station just west of the Red Cross building at Marshall and Grand River. Clint will send a letter to Sue thanking her and the township for allowing the Association to use the building. Also, this change will be posted in the next *Scope*.

Last, Clint/KC8EHR reported that Erv/W8ERV on behalf of CMARC agreed to the bilateral agreement that CMARC would share the cost of the hamfair as well as the profits. However, Erv still needs to actually sign the agreement. Clint will get it from him ASAP.

New Business

Don/KB8RAD reported that John Schneider of the *Lansing State Journal* has again defamed our hobby by blaming us for some TVI and RFI generated by a local CB scofflaw. Even though the Association informed Mr. Schneider a couple of years ago that we are not uncontrolled, profane operators like those on the CB bands, he still persists in confusing the two areas by using amateur and CB interchangeably. Clint/KC8EHR stated that we offered an invitation to Mr. Schneider the last time to come to either a CMARC or LCDRA meeting to see how we amateurs actually work, but he never showed up. As a result, Clint called Mr. Schneider to again inform him of his error and again invited him to either a RACES or LCDRA meeting. The next day, Mr. Schneider wrote a partial retraction. Clint/KC8EHR reported that Dan/W8MMQ sent the Association a letter delineating the problems that he was having with an individual harassing him under the guise of LCDRA. The letter outlined continual harassment via e-mail, telephone calls, and even defacement of his car. Dan read a recent message supposedly from the LCDRA board asking him to resign from the Association or he would be involuntarily dismissed from the Association. Dan reported that the most viable candidate causing the problems may have actually caused other problems in the past. Dan based this assumption on the headers of the various e-mail messages, but he could not reveal the actual addresses upon advise of counsel. Dan hopes that the person in question will be prosecuted for federal wire-fraud. Samples of the various messages showed the profane and vile nature of the attack upon Dan.

Julie/KB8ZXR brought up the issue that the

local ARES organization is not being kept up to date on the emergency issues. Julie pointed out that it appeared that RACES is being given preference over the other organization. Clint/KC8EHR stated that LCDRA is organized to maintain the local repeaters, not to be the umbrella organization over ARES/RACES. Clint opined that CMARC should be the umbrella over the organizations. Clint stated that he wanted to keep the Association abreast of the current issues due to the fact that the Y2K bug could directly affect the usage and operability of our repeaters. Hal/WA8LAY pointed out that the Red Cross was also involved with the problem as well. Hal also reported that the ARRL changed the reporting format recently and gave a copy of the new format to Clint. Last, Clint stated that he helped Paul/KB8YQW go online to get RACES certified and encouraged all those present to do the same.

Last, but not least, Scott/W8SRN moved to adjourn the meeting. Julie/KB8ZXR seconded. Motion carried.

Respectfully submitted,
Scott R. Newfer/W8SRN
Secretary

CMARC BOARD MEETING

JANUARY 7, 2000

Pres. Erv/W8ERV brought the meeting to order at 7:35 p.m. All of the members of the new Board for the Year 2000 were present. They were: Pres. Erv/W8ERV, Vice Pres. Bill/KB8TTS, Treas. Pam/KB8PSF, Sec. Julie/KB8ZXR, Dir.'s Don/KB8RAD and John/N8LLC, and our Under 22 Dir. Tyler/KC8LWG. Our first CMARC meeting of the year was held on the first floor of the Lansing Red Cross in the McCall Room, as our regular meeting room was unavailable. The meetings for the remainder of the year **will be held, as usual**, in the A/B meeting room, on the second floor of the Red Cross.

Erv said that, due to everyone being extremely busy over the holidays, and with him being sick, the January *Scope* had not been mailed as of yet, but should be in the mail by Tuesday, January 11th.

Erv told the Board that he and Bill/KB8TTS (who are trying to attend all upcoming Ham Swaps for the express purpose of passing out CMARC/LCDRA Ham Fair 2000 flyers) would

not be able to attend the South Bend Swap, but they would try to be at the Hazel Park Swap on Jan. 16th. Erv said that there is also a Computer Fair on the 16th and he is trying to figure out how they can hit both of them the same day. He said he might ask Don/W8BQD, who usually attends the Computer shows, if he would take along some of our Ham Fair 2000 flyers and pass them out there.

Bill said he talked to a hat vendor who does Ham call sign hats (Jack Otteren/N8JMM) about attending our Ham Fair 2000. Jack said he charges \$7.50 per hat and if we gave him two 8-foot tables at the Fair for "free", he would donate \$1.50 per hat to our Ham Fair proceeds. Jack told Bill that he has worked several Swaps, which usually made \$100-150 from his donation. The Board members all agreed that it sounded like a pretty good deal, so Don/KB8RAD made a motion that we accept Jack's proposal. It was seconded by John/N8LLC and approved. Bill said he would let Jack know our decision on Monday. Erv then suggested that if anyone was looking to buy a new call sign hat, they should hold off until our swap in October when both CMARC and LCDRA would profit from the purchase.

Erv welcomed Pam/KB8PSF, our new Treasurer, and Tyler Head/KC8LWG, our new Under 22 Director, to the Board. Erv told Tyler that he was a vital part of the Board and that if he has any ideas, questions, or concerns he should feel free to speak up. We really want to put Tyler to work this year by actively pursuing the youth, so they will be involved with the Club and Amateur Radio. We also have ideas for fundraising, which may bring in some money for youth events. Tyler was really interested and has some very good ideas of his own. He also asked us to make his friend, Richard, feel welcome. Richard is studying "Now You're Talking" in hopes of soon getting his license and then joining our Club. He is also very interested in helping Tyler with different Ham-related youth events. (Tyler and Richard are both from Clinton Co. and go to the Dewitt High School.)

Erv mentioned to the Board that he had contacted a group called "Profit Potentials" that offers candy to sell for fundraisers. Tyler said he would check with his school as he may be able to put some of the candy up for sale in the school cafeteria, a location that offered fantastic sales potential. Bill/KB8TTS said he could also take some to his business and sell it there. It was also suggested that we

could get some of our young members to ask permission to sell candy outside of grocery stores, K-Mart, etc. Erv said several guys he works with go through a couple of boxes in a week, so it could be a good profit-maker if we are willing to put some time and effort into it. A motion was made by Julie/KB8ZXR to have Erv get further information about our cost to purchase the candy, find some locations to sell it, have Tyler also check with his school for permission to sell there, and have both of them report back in February to CMARC and LCDRA. It was seconded by Bill/KB8TTS and approved.

Bill/KB8TTS asked the Board if we were still interested in holding a car wash to raise funds for Ham Fair. When the Board answered in the affirmative, he said he would ask the guys at Don's Truck Stop (where his business is located) about the possibility of getting space there to wash cars. He said he would let us know their answer at the February meeting.

Hal/WA8LAY approached the Board and told us that the lithium back-up battery on the Kenwood dual band mobile rig in the Club station had died and should be replaced. Erv asked Bill how hard it was to put in a new one and Bill said he could do it. A motion was made by Erv to replace the Kenwood's back-up battery. It was seconded by Julie and approved. Bill gave Hal his phone number so they could arrange a time to get together.

Erv told us that Kaz Fujita would be the guest speaker for the February 4th meeting. Kaz, a seismologist who addressed the group a couple of years ago, spoke at that time on Michigan's earthquakes. Everyone loved his program so much that they invited him to come back again. This time Kaz will be talking about his father (Tetsuya Fujita), who passed away shortly after Kaz's last visit, and his extensive work with tornadic research. The "F" or "Fujita" scale that is used in measuring the strength of Tornados was named in honor of Kaz's Dad.

Don/KB8RAD, a Lansing Volunteer Examiner who has been receiving a lot of inquiries regarding the FCC's recent license restructuring, brought in a print-out of the list of "Frequently Asked Questions" (regarding the rule changes) that was made available on one of the ARRL's web pages. He planned to place it on a table later in tonight's meeting so all those with questions could read it.

Pam/KB8PSF said she had received the paperwork for Science Day @ the Mall which is

being held at the Meridian Mall on Saturday, February 5th. She suggested that instead of the two tables we usually rent, we should rent three tables so it would give us more room to work on. A motion to rent the three tables, for \$15 each, was made by Erv/W8ERV. The motion was seconded by Julie and approved by the Board.

Having dealt with the business at hand, a motion was made by Don to adjourn. The motion was seconded by Bill and approved. The Board meeting adjourned at 8:05 p.m.

Julie McLain/KB8ZXR-Secretary

CMARC MEETING

January 7, 2000

Pres. Erv/W8ERV brought the meeting to order at 8:07 p.m. There were 41 members present and 8 visitors. Our VISITORS were: Gene Battin/N9XAM (a friend of Jane/KC8FSK); Pat and Jeff Ball (Rodney/KC8HGF's wife and son); Peter Strank (Jaymes/KC8DJH's friend); Richard French (Tyler/KC8LWG's friend); Marie/KC8NOI (Gary/KC8MAD's wife); and finally, Dick/KI8C and Sue McGuire from Jackson, who became members of our Club tonight.

NEW LICENSES OR UPGRADES: Marie Watson/KC8NOI earned her Technician license in December at Charlotte's VE testing. Pres. Erv said he got his 13 wpm on Dec. 4th and is now an Advanced. He also passed his Extra written in Charlotte on Dec. 11th, and though he didn't make the 20 wpm, he is going to keep trying and plans to have it by April.

INTERESTING DX CONTACTS: Greg/WB8LZG said he had some kids in his shack on Jan. 1st and worked the ARRL Kid's Day. He said Kid's Day is probably the greatest thing that has happened to the hobby in a long time. In addition to working both sides of the U.S., he and the kids made contact with St. Johns, Newfoundland, where they discussed hockey (among other things) with some other children there. Greg said the kids that participated with him were very excited, and he felt that the recent license class restructuring was probably a good thing since it would get a lot of these kids into the hobby. He also said that the Boy Scouts "Jamboree On The Air" is a very exciting event and encouraged all those who have never participated to do so this year.

Erv said he never knew how cool it was to

have a son or daughter operate until his daughter Amanda worked the station over in Sherwood Forest last month. He said Amanda was so excited when she got her DX card in the mail, that she took it to school to show it off to everyone! He said he thought, "All right, the DX bug bit!" Erv, who also participated in Kids Day, said it was a lot of fun working 10 and 12 year-old kids, but it was really humbling when he spoke with an 8-year-old, who happened to be an Amateur Extra! Erv said he has recently worked Senegal in western Africa, as well as China.

NEW EQUIPMENT (FROM SANTA): Erv said a buddy of his made him an offer he couldn't refuse on a Kenwood TS-870S, which included a speaker, power supply, and an MC-60 mike. He said he really loved the filtering, and that it would probably take him the next 20 years just to learn how to use all of the bells and whistles on the rig.

ANNOUNCEMENTS: (1.) Monday, January 17th, at 7 p.m. is the next RACES meeting at Fire Station # 8, across the street from the Red Cross.

(2.) Friday, February 4th will be the next CMARC meeting. We will be meeting at our REGULAR time of 8 p.m., in our REGULAR meeting room, which is on the second floor of the Red Cross, our REGULAR location. Now, I don't want to hear anyone say they got confused!! Our guest speaker for the night will be seismologist Kaz Fujita, who addressed the group a couple of years ago and spoke about Michigan's earthquakes. He will be speaking this time on the extensive work his late father had done on tornadic research. (The "F" or "Fujita" scale was named in honor of his father, Tetsuya Fujita.) Everyone enjoyed Kaz's last program very much, and you will definitely want to be here for the February meeting. Plan to come early to get a good seat as the Livingston ARC is also joining us to hear Kaz.

(3.) Saturday, February 5th is the .539 Breakfast. The .539 Breakfast is held on the first Saturday of each month regardless of holidays. It meets at the north-end Theo's from 7 a.m. to 9 a.m. Everyone is welcome including wives, children, friends, and anyone that loves to eat and have a good time. If you need help finding the place, just jump on the I45.39 and there will be plenty of Hams willing to point the way! See you there!

(4.) Saturday, Feb. 5th is the annual Science Day @ the Mall. It is held at the Meridian

Mall from 11 a.m. – 4 p.m. We will be setting up at 9 a.m. If you have never participated in this event, please be sure to attend. We have radio equipment set up and a weather table.

(5.) Monday, February 21st, at 7 p.m. will be a RACES meeting at the Ingham County Sheriff Department.

CARDS AND FLOWERS REPORT: The Secretary said she had mailed a get-well card to Barb Kruger, who had a hip replaced. A card was also sent to Dan Harger/W8BCI, who had surgery on Dec. 22nd. He was released from the hospital only to return a few days later, so a second card was sent to Dan. Birthday cards were sent to Clarence Shaner/W2PMH, who turned 93; Jerome Maslowski/KS8B, who turned 83; and Robert Gill/KA8UUF, who turned 80. All of these “youngsters” were born in Dec.

OLD BUSINESS: Because the Scope was late in being mailed, the Secretary's and Treasurer's reports will be voted on at the February meeting.

JOINT CMARC/MSUARC LICENSE CLASSES: Mike Shanblatt/K8MAS addressed the Club concerning the joint CMARC/MSUARC license classes, which will be held on Saturdays beginning January 29th and concluding March 4th. The class times are as follows: Theory 10:15 – 11:45 a.m. and Morse Code 11:45 a.m. – 12:15 p.m. The location is: Michigan State University, Engineering Building, Room 2219. Cost: Class attendance is free, however, textbook purchase is required. The textbook, “Now You're Talking”, costs \$19 in local stores, but only \$16 if ordered from the teaching team (by January 20th.) A deposit of \$10 is required at the time of order. Mail your deposit to: Michael Shanblatt, Department of Electrical and Computer Engineering, 2120 Engineering Building, East Lansing, MI 48824. Registration: Please reserve your place in the class by January 24th, to allow the teaching team sufficient time to obtain materials and reserve classroom space. You can register by: (1.) Calling Don Rickerd/W8BQD at (517) 339-8496, (2.) Sending an e-mail to class@msuarc.egr.msu.edu, including your name, address and phone number, or (3.) Filling out the registration form on the class web page at <http://msuarc.egr.msu.edu/class/>

NEW BUSINESS: Erv presented Bill Cote/WD8NYW with a certificate from the National Weather Service thanking him for the work he did last year.

Greg/WB8LZG brought in some World Radio and QST magazines, to be given away free to anyone wanting them, and Bernie/N8PVZ brought in some diskettes of Morse Academy and some other software, also free for the asking.

Pam/KB8PSF said that, according to the December QST's article on Field Day, we were in the top fourth of our group overall, and placed third in Michigan in the 3-Alpha category. She said we had done a lot better in '99 than in '98, and it definitely paid off having the two CW stations, because that is where we got many of the extra points that gave us the higher score. Tyler/KC8LWG was the only one who worked W1AW at Field Day '99!

Clint/KC8EHR thanked everyone that worked the Y2K Special Event on the evening of December 31 and the morning of January 1, 2000. He said that everything ran really well and that the EOC was very impressed with the number of check-ins and how professionally it was all handled. He said that the Ingham County RACES group is developing nicely and that anyone wanting to join is more than welcome. He said that on Feb. 24th there is a dinner being held in appreciation of the RACES volunteers and they will be presented with gold volunteer pins. Clint was asked if he had the TV news clips of the Y2K Special Event and he said he would bring them to the February meeting. Clint also said he is in desperate need of a new Treasurer for LCDRA. If interested, please call him a.s.a.p. at 882-1799.

HAM FAIR 2000 INFO: Erv told the membership that at the Board meeting earlier that night, Vice Pres. Bill/KB8TTS told how he had talked to Jack Otteren/N8JMM, a hat vendor who does call sign hats, about attending our Ham Fair 2000. Jack charges \$7.50 per hat and said that if we gave him two “free” 8-foot tables at the Fair, he would donate \$1.50 per hat back to our Ham Fair proceeds. Bill said Jack had told him that he has worked several swaps with this arrangement and the clubs usually made \$100-150 from his donation. At the Board meeting, it was decided that it sounded like a pretty good deal and a motion was approved to accept Jack's proposal. Bill will let Jack know our decision on Monday. Erv suggests that if anyone is looking to buy a new call sign hat, they hold off until the swap in October when both CMARC and LCDRA will profit from the purchase!

DRAWING WINNERS WERE: Troy/

W8TCC, who won an Ekco cooking pot; and Hal/WA8LAY, who won a red, large-button telephone. A.C. Stoddard/W8KLN brought in some “stuff” he wanted to get rid of, so Troy suggested drawing for those items, as well. The winners of the “junk” raffle were: Jeff Ball, who won an old Polaroid-Land camera; Marie/KC8NOI, who won a “back-up beeper”; Gene/N9XAM, who won the other “back-up beeper”, and a second ticket got him a razor. Erv kept trying to get the winners to take the extra-large rear-view mirror that A.C. also brought in, but no one wanted it. Finally, Erv drew another ticket, and the winner was A.C. himself! Everyone laughed when he refused it saying that when he had it installed, he was watching himself more than the road, so he had to get rid of it!! Erv finally gave it to Richard, Tyler/KC8LWG's friend, as a “thank you” gift for coming to the meeting. Erv also announced that Steve Dible/N8CRH had donated a free carpet cleaning as a drawing prize for February's meeting.

SPECIAL “HAM FAIR FUND” DRAWING: Our second “Ham Fair Fund” drawing was held for the Wilson 2-meter mag-mount antenna that was donated by Bill/KB8TTS from his own business (“38's CB Shop”, located on the 2nd floor of Don's Truck Stop). Troy/W8TCC won the antenna and donated it back to the Club for February's drawing. A total of \$21 was made tonight for the Ham Fair Fund.

MODEL ROCKETRY QUESTION: Tyler/KC8LWG and his friend, Richard French, talked to the group about their interests in model rocketry. They are going to attempt this year, through the auspices of the Dewitt High School, to send up a GPS tracking system, and they have questions about putting it all together, so were asking for any help in this area. If anyone has any information that could help them, please contact Tyler at (517) 669-9375. They were also told to contact Dave Gardner/N8SHR, as he is involved with AMSAT.

SUGGESTIONS AND IDEAS FOR FUND-RAISING AND CLUB EVENTS: (1.) Erv mentioned that the Board had approved looking into selling candy as a fundraiser for Club events, some of which could be youth-related activities. We would really like to get these younger new Hams into the Club and we need something to draw them. (2.) Garry Watson/KC8MAD suggested that, as a new Ham, he would have appreciated receiving something like a “Welcome Aboard” package that con-

tained helpful items and information like a Club Directory; a listing of the repeaters and where they are located; how to access the Auto Patch; and Club meeting dates, times and locations. He also suggested that after a VE session, a coupon could be given to the new Hams, and when they brought it to a Club meeting, they could redeem it for the package.

Erv replied by saying that this is what several members have discussed doing for quite some time, and that they have attempted to do so, on their own, and to various degrees. He said that he himself had made up an informational flyer (back in October of '99) designed to acquaint new Hams, prospective Hams, and Hams that are new to the greater Lansing area, with the goings-on of Ham Radio in general and of the local Ham community in particular. The flyer lists many items of interest to veteran locals, as well. He also said we were going to start work on a newly updated Club Directory for the year 2000 in the not-to-distant future.

Erv then reminded the group that Don/KB8RAD, on his own, had been disseminating informational packets to new Hams since he himself was a new Ham back in December of 1993. Don would attend all the swaps he could, for the express purpose of getting any and all free Ham information and promotional items he could grab (such as wall-size maps, frequency charts, caps, mugs, etc.). He would then make a package up of the items (including his name and phone number for help with questions) and take it to the home of a new Ham he would hear on one of the repeaters, or bring it to a meeting for a new Ham that joined the Club. Now that he has not been able to attend the swaps (because of his health), he doesn't have any information to pass out, therefore, if you attend a swap, please keep KB8RAD in mind. Whenever possible, please pick up any helpful "freebies" that you think a new Ham would be interested in and give them to Don to replenish his supplies. He will truly be grateful and so will the new Ham that receives the packet!

(3.) Another idea was given by Dick/KI8C from Jackson. He mentioned that Jackson gives all new local Hams a free 1-year membership to their Club, and maybe we could do the same.

(4.) It was also suggested that we open up the Club shack before the meetings for new

Hams to learn and operate. It has been done before, and could be done again. If you want to see it happen just ask Joe/N8VYS, one of the Club Trustees, or any of the Board members, and they will get someone to take you down to the shack.

(5.) Greg/WB8LZG suggested bringing in homebrew equipment to the June meeting and displaying it.

(6.) Mike/KC8FCA suggested getting together and doing some hands-on kits or projects. Someone's basement would be needed, as we cannot use soldering irons at the Red Cross because of the risk of burning holes in the carpet, etc.

(7.) Model rocketry and a balloon launch were also suggested.

(8.) Also, remember Erv/W8ERV and John/N8LLC have promised that if we have 300 members by December 2000, they will have their hair shaved completely off. The Secretary said that such an event was no big deal and told Erv to raise his hat to show why. She said they could use tweezers and just pluck out the few hairs he has left! He said he and John promised that they would let their hair grow a while before the "big day" so there will be something to shave off. Steve/W8CRH raised his hat to show his receding hairline and said he called it the "Lunatic Fringe", to which everyone laughed.

Erv also mentioned that we are trying to get the Genesee ARC back to one of our Club meetings for a demonstration of their ATV equipment. He said to be sure to watch the Scope for a listing of upcoming meetings.

Erv then asked the group what brings people to the meetings, to which Bernie/N8PVZ replied, "the goodies!" Seriously, if you have any suggestions for future meetings, please let anyone on the Board know and we will do our best in implementing your ideas to line up speakers and topics of interest to you.

With everything being completed, a motion was made by Bernie/N8PVZ to adjourn. The motion to adjourn was seconded by Steve/N8CRH and the meeting adjourned at 9:51 p.m.

Julie McLain/KB8ZXR-Secretary

[Secretary's note: The Board would like to take this opportunity to thank Don Rickerd/W8BQD for all the work he did on Ham Fair '99. Don was so eager to begin working at the swap he missed signing the volunteer sign-in sheet, so he was not mentioned in the

Scope on the list of those that helped. If there are any others that did not sign in and were missed from the listing, please let me know! You all helped to make Ham Fair '99 a huge success and we want to make sure you get the appreciation you so richly deserve! Now... who wants to help with Ham Fair 2000?]

Still Needed- LCDRA Treasurer!

According to LCDRA President, Clint Hannahs (KC8EHR), the Board is still in need of assistance with a Treasurer for the Association. Last month, we reported that Dan (W8BCI) was stepping down, due to a recent illness and we want to report that he is coming along and recovering well at home...and is planning to head back to work soon. (Good news!)

Anyone interested in serving LCDRA in this position should contact President, Clint Hannahs, KC8EHR, at (517) 882-1799. If you should miss him, please leave a name and number on his machine, or with Roxie (KC8GAK). This job is not highly demanding and your assistance is needed and will be appreciated. See you at the LCDRA meeting, February 17th.

For Your Consideration....

Hats Off to our Membership!

Can you feel it? No, this isn't just a feel good article, but it IS a special word of thanks to our members for helping to make the **Central Michigan Amateur Radio Club** a friendly, helpful group. No single person holds credit for it, for it is the end result of a concerted effort by us all.

It's exciting to me to know that we have members coming in from outside the Greater Lansing area, just because they feel that they belong here. Take our newest members from Jackson for example. Dick (KI8C) and his lovely wife Sue (call pending, we hope) McGuire came to visit last month and decided to stay. This is but the tip of the iceberg! We have young people coming in, too, thanks to Tyler Head (KC8LWG), Jaymes (KC8JKA) and others. But wait, there's more!

With the start of licensing classes, co-sponsored by CMARC and the MSU Amateur Club, things can only get better. Oh, you want more? Well, let's talk about the oft-mentioned "Project 2000". What exactly is "Project 2000", you ask? Glad you did. This is a special effort, by CMARC, to reach anyone and everyone licensed in the Greater Lansing area...inviting them to come and visit us. With literally hundreds of them out there, many who never heard of the **Central Michigan Amateur Radio Club**, how can we lose? Oh sure, we have to spend the money to send out the letters, but if we gain even 10 percent in membership, we have more than substantiated the cost. And our Club is one that is FUN for the entire family and it's only going to get better.

With the restructuring fast approaching, we have to be prepared to welcome in some new faces, too. Some will come and earn their upgrade after April 15th and I would like to restate CMARC's position (at least the Board's position) on the issue: *"It is the position of this President and Board that ALL Amateurs, regardless of when or how they earned the upgrade, will be welcomed completely and totally."* The VE teams are already reporting a marked increase in testing attendance and this trend is likely to continue as Amateurs "race the clock" to get their upgrades completed prior to April, and beyond.

Finally, with the coming of Spring (only a few weeks off now), our thoughts have begun to turn to organizing the team for HamFair2000. Fliers will be circulating soon and reservations are already being taken, so when Bill (KB8TTS) approaches you for help, please consider lending a hand for this worthwhile effort. We already have had an early batch of fliers delivered to St. Louis, Missouri and Chicago. Together, we can make this year a HUGE success, but like the old saying goes, "success only comes before work in the dictionary". I can't wait to see it happen!

One quick "program note", Dave (KF8WS) and Shirley (N7UPY) Birdslee, of HamThreads, will be our guests at the March CMARC meeting for a special presentation of their wares...or is it "wears"? We've watched their business grow over the last few years and they are going great guns. Dave is interested in joining us for HamFair2000, as a vendor, and wanted to give us a sneak preview of his offerings, so don't miss the March meeting. 8pm, March 3, 2000 at the Red Cross.

73, ERV

The Y2K CMARC Board

The Y2K LCDRA Board

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

Our Y2K-Complacent CMARC Officers:

Pres. J. Ervin Bates-W8ERV ph: (517) 676-2710
Vice Pres: Bill Mathews-KB8TTS ph: (517) 394-1198
Sec: Julie McLain-KB8ZXR ph: (517) 694-0812
Treasurer: Pam Denomme-KB8PSF ph: (517) 589-5263
Dir. Don McLain-KB8RAD ph: (517) 694-0812
Dir. John Crawford-N8LLC ph: (517) 393-2336
Under 22: Tyler Head-KC8LWG ph: (517) 669-9375
Cards & Flowers Chmn.: Julie McLain ph: (517) 694-0812
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 8pm.
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.

Our Y2K-Complacent LCDRA Officers:

Pres: Clint Hannahs-KC8EHR ph: (517) 882-1799
Vice Pres: Don Clark-N8XME ph: (517) 669-4586
Sec: Scott Newfer-W8SRN ph:(517) 381-8148
Treasurer: (HELP WANTED)
Dir: Hal Bell-W8LAY ph: (517) 484-0962
Dir: Don McLain-KB8RAD ph: (517) 694-0812
Repeater Trustee: Dennis Boone-KB8ZQZ
LCDRA Call: WB8CQM
Meetings: Bi-Monthly 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.

EXTRA, EXTRA, READ ALL ABOUT IT!

JANUARY VE SESSION BUSTING AT THE SEAMS!

Well, with each VE session the number of those in attendance has grown, and January 2000 was no exception. We started off the new year with a total of 14 examinees showing up, and had to move across the hall to bigger facilities (the McCall room) in order to accommodate everyone. All 14 examinees passed those test elements they came for, with three of them obtaining new licenses. Those earning a new license were: 11-year-old Tyler Whitney, a new Technician; Stefan Wagener from Germany (was DG1GWS) who also got his Technician license; and our very own CMARC President, Erv/W8ERV, who passed his 20 wpm code exam and is now a full-fledged Amateur Extra! Six of those testing passed their General written exams and are: David Sariccia/KB8SYW, Jason Hulet/W1WOW, Dennis Howard/KC8EKR, Roger Young/KC8CGH, William Hamilton/KC8NJM, and our new Assistant EC, Cary Britten/KC8JKA. Five examinees passed their Extra written exams and are: Roger Smith/N8HLM, James Norcross/WB8EYE, Bert Carter/K8ZLP, William Cluver/KG8AW, and Joe Denomme/N8VYS. CONGRATULATIONS, EVERYONE, ON A JOB WELL DONE!!

A big "THANK YOU" goes to the VE's who administered the examinations, and very special thanks go to Larry Nordeen/N8VEN, VE Team Liaison, who came in even though he had the flu. The VE's who so unselfishly and enthusiastically volunteered their time were: Don Devendorf/W8EGI, Mike Shanblatt/K8MAS, Don McLain/KB8RAD, John LaRock/K8XD, Dave Humphreys/N8WTH, Gus Kouklis/K8KU, and John Ingraham/NG8L.

Julie McLain/KB8ZXR-CMARC Secretary

Classifieds & Special Announcements

FEBRUARY

BIRTHDAY'S AND ANNIVERSARIES

[Secretary's note: Missing from the Scope's January birthday list was Associate member Doris McLain, who turned 70 on January 19th. Happy Birthday, Mom! Also, the Cote brothers are NOT swingers! I inadvertently matched Bill/WD8NYW up with Don/KD8BD's wife in the December Anniversary listing. Sorry about that guys... or should I be apologizing to the Ladies?! Anyway, Happy Belated 8th Anniversary Bill and Donna!! -Julie/KB8ZXR]

- 1 - Ellis Whitehead/W8YB's 57th B'day!
- 4 - Ralph Chapman/WA8NHD's 72nd B'day!
- 13 - Jeff Baker/KB8ZQY's 45th B'day!
- 13 - Herb Marsh/WB8CKA's 73rd B'day!
- 14 - Donald McLain/KB8RAD's 47th B'day!
- 14 - Marlene Harger/KC8GXO's (?) B'day!
- 15 - David Gardner/N8SHR's 73rd B'day!
- 17 - Terry Swick/N8QGV's 54th B'day!
- 18 - Darlena McDaniel/KB8YYM's 70th B'day!
- 20 - Bill Nielsen/W8JWW and Wife's Anniv.
- 20 - LeRoy Morgan/W8QQC's 70th B'day!
- 25 - Garry Watson/KC8MAD's 52nd B'day!
- 26 - Julie McLain/KB8ZXR's 48th B'day!
- 26 - Bill Schmidt/KB8ZRE's 40th B'day!

Yes, There IS a monthly breakfast still going on for the 5.39 group! All are invited to attend the breakfast, held the first Saturday of the month at Theio's, on North East St., on Lansing's North side. The eatin' starts at 7:30, until 9am so come on out!

The members of QCWA meet at Theio's on the last Saturday of the month, beginning about 8am. Same location. And finally, a "random" breakfast is held at locations all over the Greater Lansing area. I am told that interested persons need only contact Hal Bell (WA8LAY), or Don Tillitson (WB8NUS) for details on location and times. Rumor even has it that Don buys once in a while.

WE'RE MOVING!

LCDRA will be moving its February 17th meeting from the Meridian Township Service Center in Okemos to the new community center located in the basement of Lansing's No. 8 Firestation. The firestation is located just west of the Red Cross building at the intersection of Marshall and Grand River. Hope to see you there!

Central Michigan Amateur Radio Club Treasurer's Report

Account Balances as of January 7, 2000

ASSETS:

Cash & Bank Accounts	
Mich. Nat'l Bank Checking	\$1,701.94
USPS Postal Deposit	\$149.62
TOTAL Cash & Bank Accounts	\$1,851.56

Other Assets

Comerica Bank CD	\$1,291.53
TOTAL ASSETS:	\$3,143.09

LIABILITIES:

	\$0.00
--	--------

TOTAL NET WORTH: \$3,143.09

Income & Expenses: December 4, 1999-January 7, 2000

INCOME	
Coffee Fund	\$0.00
Dues	\$10.00
HamFair profit	1,143.66
Directories	\$0.00
TOTAL INCOME:	\$167.38

EXPENSES:

SCOPE Mailing	\$46.11
Supplies-Julie McLain	\$0.00
Postage Due	\$4.62
Bulk Rate Permit	\$100.00
Service Charges	\$12.88

TOTAL EXPENSES	\$158.99
TOTAL NET INCOME	\$994.67

Respectfully Submitted,
Pamela Denomme-KB8PSF, Treasurer

VE Sessions, Club Meetings & Miscellany

Lansing V.E. 2000 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. 11, May 13, July 8, Sep. 9, Oct 8 (HamFair2000) Nov. 11

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

Corunna VE Testing

On the 4th Thursday of the month at the Red Cross in Corunna, MI

(except for July, Nov. & Dec.)

7pm 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)

LCDRA MEETING

The next LCDRA meeting will be held at 7:30 p.m. on February 17th. The meeting will again be held at the Lansing Fire Department, Station #8, located at Marshall and Grand River, near the Red Cross in Lansing. The talk-in frequency will be 145.39 with a 100-Hz PL. Hope to see you there!

COMPUTER WORDS

BY WA8LAY

Word list



AMMETERS	POWER
AMPERAGE	RECTIFIER
ANALOG	SET
BRIDGE	SHOCK
COLPITTS	SHUNT
COMPUTING	SILICON
DAMPING	SWINGING
FET	TEST
HARTLEY	TPTC
LINEAR	TRIAC
MOSFET	VOLTAGE
PANEL	WATT

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

Calendar of Events for February, 2000

- 4th CMARC Meeting 8pm, Lansing Red Cross
- 5th 5.39 Breakfast, Theio's (North East St.) 7:30am
- 5th Science Day @ the Mall, 9am Setup (Meridian Mall) 11am-4pm
- 17th LCDRA Meeting 7:30pm, LFD Station 8 (Marshall @ Grand River)
- 21st RACES meeting 7pm, LFD Station 8 (Marshall @ Grand River)
- 26th QCWA Breakfast, Theio's (North East St.) 8am

Monday evenings at 7pm, RACES, ARES 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

Name _____ Call _____	Name _____ Call _____
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: _____
Full Membership \$10 per year* Associate Membership \$5 per year Please remit to: John Ingraham-NG8L, Membership Chairman 2807 Greenbriar Ave., Lansing Michigan 48912	LCDRA Membership \$15* Add a family member at \$7.50 per person (Dues cover annual membership from January to January) Send Check or MO to: L.C.D.R.A. P.O. Box 80106, Lansing, Michigan 48908
As a licensed Amateur, you can sign up today as a FULL member. As a full member of CMARC, you have voiting 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.	Use of the repeaters does NOT require membership, but your support IS greatly appreciated.

Central Michigan Amateur Radio Club
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Central Michigan Amateur Radio Club

THE SCOPE

Lansing Civil Defense Repeater Association



Serving Our Community Since 1921

February, 2000



Central Michigan Amateur Radio Club

INFORMATION



Lansing Civil Defense Repeater Association

www.qsl.net/cmarc Serving Our Community Since 1921 cmarc@qsl.net



The Central Michigan Amateur Radio Club & The Lansing Civil Defense Repeater Association WELCOMES YOU!

Amateur Radio. What's it all about? Amateur Radio is many different things to people of all walks of life.

Among our ranks, you will find Doctors, Lawyers, Teachers, Truck Drivers and Moms, too-not to mention children of all ages, ranging from 8 to 80 years old. Something for everyone...that's what CMARC and LCDRA are all about.

A Little CMARC History

The Central Michigan Amateur Radio Club was founded in 1921, when a group of 16 Amateurs first came together to organize their efforts, as well as for sharing ideas between themselves. At that time, of course, CMARC was known as the Central Michigan Wireless Assn. and

our Hobby was still in its infancy. With the groundwork laid, little more is mentioned until 1932, when still more informal meetings were held. It wasn't until 1950 that the Club members got organized and became affiliated with the American Radio Relay League. At this time, the members were meeting at 429 North Cedar St., in Lansing.

As time progressed, members of the Club moved to various locations in the Greater Lansing area, finally settling on the American Red Cross, 1800 E. Grand River, Lansing. We've been there ever since.

Among our Club's achievements, we count the Amateur Call Plates that adorn many Michigan automobiles, as well as having one of the State's best SKYWARN teams on hand 24 hours a day, as needed. Of course, for complete details of this Historical perspective, visit <http://www.qsl.net/cmarc> and take a look around.

Our Meeting Schedules

* **CMARC** First Friday of each month, unless affected by a holiday. 8pm, Lansing Red Cross 1800 E. Grand River. Open to the Public.

* **LCDRA** 3rd Thursday of the month, bi-monthly. Lansing Fire Station #8, Grand River@Marshall St. 7:30pm. Open to the public.

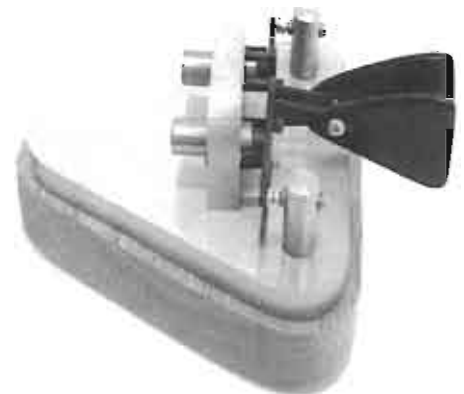
Talk-In for all meetings is **145.390** (100hz. PL Tone)

Recommended Study Material

* **Now You're Talking \$19** The comprehensive study guide for the Technician Class license. Contains a complete question and answer pool, as well as a wealth of information, useful to anyone interested in Amateur Radio. Available locally at Fulton's on Pennsylvania Ave. in Lansing.

* **Gordon West (WB6NOA) Radio School.** Prices vary. From Technician through Extra Class, West delivers with his complete line of tapes and books. An excellent resource for all age groups.

* All supplies necessary are available through the **American Radio Relay League**, 225 Main St., Newington, Connecticut 06111-1494. You may also call the **A.R.R.L.** by phone at (860) 594-0200 or by email at pubsales@arrl.org



Our Local Repeaters

- 145.390 Okemos Repeater/
SKYWARN (100hz PL)
- 146.700 Lansing #1 (100hz PL)
- 146.940 Lansing #2 (100hz PL)
- 145.470 Onondaga/W. MI Link
(100hz PL)
- 224.980 Lansing

Repeaters Supported by LCDRA

Other Lansing Area Repeaters-2 meter

- 146.680 Howell #1 (100hz PL)
- 145.210 Howell #2 (100hz PL)
- 147.020 Owosso
- 147.080 Charlotte
- 146.880 Jackson (100hz PL)

Other Lansing Area Repeaters-70cm

- 443.700 Mason/WB8RJY
- 443.625 Charlotte/N8HEE
- 444.925 Holt/KE8DR

Other Lansing Area Repeaters-6m

- 51.700 Holt/WB8RJY

Local VE Testing Locations

If you are interested in taking your test for an Amateur Radio license, or you just want to upgrade your current license, opportunities abound in the Greater Lansing area. Below you will find a list of Clubs that offer VE testing and we suggest that you contact the Club of choice beforehand with any questions. As with most testing sites, pre-registration is appreciated, but not necessary.

For all testing sites, you will need to bring the following with you: (if applicable) Your current FCC issued license, a photocopy of your license, all current CSCE's (if any), a photocopy of any current CSCE's, picture Identification (Driver's License), another form of identification, (2) #2 pencils and a black or blue pen and a check or money order for \$6.45 made out to either the ARRL/VEC or W5YI-VEC. Good Luck!

-Lansing: Odd months, second Saturday. 9:30am registration, 10am start. Lansing Red Cross, 1800 E. Grand River, Lansing. Contact Joe Denomme, N8VYS (517) 589-5263. Talk-In 145.390 (ARRL VE)

-Corunna: Monthly, fourth Thursday of the month. 6:30pm registration, 7pm start. Corunna Red Cross, 704 W. Corunna Ave., Corunna. Contact Mark Mowery, AA8TC (517) 743-6176. Talk-In 147.020 (ARRL VE)

-Charlotte: Even months, second Saturday. 12noon registration, 12:30pm. start. Eaton County Sheriff Department, Charlotte. Contact Mark Korroch, WB8TGY(517) 645-2398. Talk-In 147.080 (ARRL VE)

-Howell: Odd months, second Tuesday. 6:30pm registration, 7pm start. Emergency Operations Center, Highlander Way, Howell. Contact Greg McDiarmid, AA5GO (517) 548-5893. Talk-In 146.680 (100hz PL) (W5YI VE)

Nets, Nets and More Nets...

You want information Nets? Well, we got em around here...in fact, there are more than you can shake a crooked finger or a really big stick at! We've got a few listed below and please keep in mind that you may even be treated to the Amateur Radio Newsline, or an occasional Swap & Shop if you tune in. You just never know.

-Lansing 145.390 Sundays
8:30pm

-Howell 146.680 Sundays 9pm

-Charlotte 147.080 Sundays 8pm

-Onondaga 145.470 Mondays
beginning at 8pm with Newsline

So, there you have it. A small look at the Central Michigan Amateur Radio Club and the Lansing Civil Defense Repeater Association.

We're growing, but we always can make room for one more, so why not come and check us out? You will find we are warm, friendly and personable and all ages are welcome. In fact, we have members in their 80's and up....and even a few under 10.

If you want more information about our Club or how you can get involved in Amateur Radio, email us. Our address is cmarc@qsl.net, or you can email Erv, W8ERV. His address is w8erv@arrl.net.

73 and we hope to see you soon!

HamFair 2000

HamFair AND Computer Show Under ONE Roof (28,000 sq. ft.)! It's Gonna Be Huge!

Tower Electronics * Battery Tech Central * Dentronics

Proudly Sponsored by the Central Michigan Amateur Radio Club and the Lansing Civil Defense Repeater Association!

New Location!

*The Summit, 9410 Davis Hwy., Dimondale, MI
(Just minutes from Lansing!)*

Sunday, October 8, 2000 8am-2pm

Vendor Setup at 6am

**WIN A KENWOOD TM-G707A
2M/70CM MOBILE, OR AN
ALINCO DJ 195T 2M HT!**

* **VE Testing** at 10am (ARRL VEC), 9:30am registration. Walk-Ins welcome, *but pre-registration is strongly recommended*. First come, first served. *email: w8erv@arrl.net*

* **DX Forum** with Bil (W8EB) and Ron (ND5S) 10am. See and hear the story of their annual trip to St. Maarten for the CQWW contest, where they operate as PJ8A. This is a must for any avid DX'er.

* **ARRL Forum** 8:30am. Got some questions about the League and how things get done, or how to get involved in ARRL-sponsored activities? This is the place to ask them. Very informative.

- * Tables \$10.50 (advanced)
\$12.50 (at the door)
- * Tickets \$5.00 (advanced)
\$6.00 (at the door)

12 and Under Admitted Free!

Please Contact:

*J. Ervin Bates, W8ERV
P.O. Box 80106
Lansing, Michigan 48908
phone: (517) 676-2710
email: w8erv@arrl.net*



~Hotel Accomodations by Holiday Inn, 7501 W. Saginaw Hwy., Lansing. Call (517) 627-3211 and ask about "*the Special Summit rate of \$68 per room!*" Located only 10min. from the Summit, take exit 93B. (fax 517-627-5240)