

A New Look for the New Millennium - March 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

FB Program, FB Donation!

Another rousing success for Kaz Fujita. The ever-popular Fujita visited CMARC on Friday, February 4th and shared another exciting program, this time on his Father, the late Tetsuya Fujita. The program, entitled, "Behind the Mystery of Severe Storms: The Life and Work of Tetsuya Fujita (1920-1998)" filled our meeting room to near capacity and Kaz didn't let anyone down.

Following his presentation, Kaz fielded questions from the audience and was treated to a warm round of applause. But the news doesn't stop there.

At CMARC's annual "Science Day at the Mall" appearance, Fujita showed up with several books in tow, donating them to our Club, "for the purpose of raising money for the Club". Kaz and I had spoken of HamFair2000, prior to his visit, and he felt this donation would help. So the good news is this: At the April 7th CMARC meeting, the traditional SKYWARN training session, we will offer these books to the highest bidder, one at a time, of course. All proceeds will benefit the HamFair2000 fund.

Included in the donation are the following books, each penned by the late Tetsuya Fujita: 1. Hard-bound edition of "DFW Microburst (8-2-85)", cover price \$8. 2. Hard-bound edition of "US Tornadoes Part One (70 Year Statistics)", cover price \$15. 3. Soft-bound edition of "World Atlas of Typhoons and Hurricanes 1951-1995", no price listed. 4. (2 copies!) Soft-bound editions of "Satellite and Meteorology Research Project", no price listed. 5. A Soft-bound edition of a book, presented by the National Oceanic and Atmospheric Administration, entitled, "NOAA Storm Data 9/92, Vol. 3 No.9", no price listed.

We wish to sincerely thank Kaz for his generosity and will pass along the final tally, following the April meeting. Be sure to bring your spare cash and let's support a great cause.

PSSST....Know Where I Can Get Some "Ham Threads?"

Funny you should ask. Coming to the March meeting, Dave Birdslee (KF8WS) and YL Shirley (N7UPY), promise to have everything the fashion conscious Ham wants.

Friday evening, March 3rd (8pm). Mark this date on your calendar, because you won't want to miss this. Dave and Shirley, who are locally licensed Amateurs, are coming to speak to us about their business, "B & B Embroidery". Formerly known as "Ham Threads", the Birdslee's have built their clientele by visiting Ham Swaps all over the central United States.

As SKYWARN season approaches, Dave has mentioned how popular their line of fine embroidery is. He has covered special shows in Muskegon and Chicago, just for the SKYWARN spotters and the new duds are a hit. Come on out and see why. Dave says they are ready to take and fill orders, in time for Spring and they will offer some nice discounts, too.

Rumor even has it that Donnie McLain will model for them and Dave is excited about their new line of Speedos.....we just hope Don WON'T be modeling those! See you at the meeting.

National Amateur News

All National Amateur News Courtesy of The ARRL Letter

K1LNC NAMED AS INTERNATIONAL HUMANITARIAN AWARD WINNER

The ARRL has named Edwin Petzolt, K1LNC, of Hobe Sound, Florida, as the winner of its 1999 International Humanitarian Award. A presentation was made earlier this month at the Miami Tropical Hamboree by ARRL President Jim Haynie, W5JBP, and ARRL Southeastern Division Director Frank Butler, W4RH.

On June 29, 1998, Petzolt responded to an on-the-air emergency call on 20 meters and found himself on the other end of a life-threatening situation in Central America where heavily armed gunmen had kidnapped four missionaries in northern Guatemala and held them for ransom. Desperate to save his family, missionary Elam Stolfus, TG7XQS, turned to ham radio—his only connection to the outside world. On the other end he found Ed Petzolt, K1LNC.

Upon learning of the family's plight, Petzolt, phone-patched Stolfus to the US Embassy in Guatemala City to arrange for military and police assistance. He then remained at the radio for much of the next seven hours to provide communications and relay information that would contribute to the successful rescue of the hostages and the capture of the terrorists.

The ARRL International Humanitarian Award recognizes extraordinary service through Amateur Radio skills for the benefit of others in times of crisis or disaster. The award recipient is selected by a committee appointed by the League's President. Petzolt's award was confirmed by the ARRL Board of Directors during its meeting last month in Memphis.

An ARRL Life Member, Petzolt credited Bud Palmer, KC4LCD, Tim Reeves, WB4WUK, and "everyone else who helped keep the frequency clear," with making the rescue mission possible.

The story of Petzolt's efforts is detailed in "Guatemala Rescue!" in The ARRLWeb Extra for September 1, 1998, on the ARRLWeb Members Only site, <http://www.arrl.org/members-only/extra/features/1998/0901/1/index.html>

A footnote: Petzolt this week became involved in another Amateur Radio rescue mission: "I patched a doctor from Honduras to a doctor in Pennsylvania this morning regarding a nine-month-old little girl with a life-threatening, congenital heart condition," he reported February 17. Petzolt said the US doctor agreed to perform the surgery in Pennsylvania for free. He then patched the ham—Ronaldo Roll, HR3RON, a Catholic priest—into the US Embassy in Tegucigalpa to arrange to expedite the necessary paperwork for the infant and her mother to get a medical visa. Petzolt said Roll has agreed to pay their airfare to and from the US. "I think I found my calling in life," Petzolt remarked.

FCC FINES TWO TEXAS AMATEURS FOR MALICIOUS INTERFERENCE

The FCC has fined two Texas hams \$8000 apiece for allegedly interfering with a local repeater and failing to identify. Paul E. Holcombe, K4TOF, and Robert L. Myers, N5WLY, both of Houston, were notified last month by the FCC's Houston office. The fines come in the aftermath of an FCC investigation undertaken last year that involved the use of direction-finding equipment. The FCC says it's been hearing complaints of interference to the Memorial Emergency Repeater Association's system for more than five years now.

On separate occasions in February and May, FCC personnel from the Houston field office used direction-finding gear to track transmissions interfering with MERA's 145.47 repeater to Holcombe's and Meyers' vehicles. As a result,

Holcombe and Meyers each received a Notice of Violation from the FCC last June. Since being cited, both men have denied the allegations in statements to the FCC.

In both cases, the FCC determined otherwise and ordered Holcombe and Meyers to pay the fines within 30 days or to file written statements showing why the forfeitures should be reduced or canceled.

FCC AFFIRMS \$20,000 FINE; UNLICENSED OPERATION CONTINUES

The FCC has affirmed a \$20,000 fine levied on a Florida man last summer for unlicensed operation, willful and malicious interference with Amateur Radio communications, and failure to let the FCC inspect his radio equipment. The FCC's January 28 Forfeiture Order gives William Flippo of Jupiter 30 days to pay up or the matter will be referred to the US Attorney.

Following an FCC Warning Notice, Flippo initially was notified of the fine last July in an FCC Notice of Apparent Liability. Hams in Florida say Flippo has thumbed his nose at the FCC and has continued to flout the law by interfering with local HF and repeater nets. FCC personnel from the FCC's Tampa District Office have followed up on complaints from amateurs that Flippo—also known by his CB handle of "Rabbit Ears"—has regularly interfered with hams on 10 meters, 2 meters and elsewhere. The Order acknowledges that the Commission has received information on "at least five occasions" since the fine was levied last July indicating that Flippo continues to violate federal law.

Flippo's only response to last year's Notice of Apparent Liability was to send the FCC a copy of a one-page bankruptcy filing. The FCC was not impressed, however. "In a case where an NAL has been issued and the recipient continues to engage in the same conduct, we are not in-

clined to adjust the forfeiture amount, even where the recipient has filed for bankruptcy protection," the Commission said. One Jupiter-area ham who has cooperated with the FCC investigation says Flippo has been causing problems for the amateur community in his area since late 1997. He and fellow members of the Jupiter-Tequesta Repeater Group want to see the FCC take a stronger stand in the case.

"I want to see the guy in jail—plain and simple—and his equipment confiscated," said the amateur, who did not want to be identified by name fearing retaliation. "The problem is, we're all playing by the rules here, and this guy goes out and buys a radio and he gets on there and does whatever he wants and brags about it."

FCC personnel from the Tampa office have visited the Jupiter area at least twice last year as a result of amateur complaints alleging malicious interference from Flippo, primarily on VHF but also on some HF amateur bands.

ARRL BOARD BACKS CERTIFICATION PROGRAM

The ARRL Board of Directors has approved the development and implementation of an initiative to promote self-education by radio amateurs. The new ARRL Certification Program will aim to inspire amateurs to continue acquiring technical knowledge and operating expertise beyond that required to become licensed and give them a chance to test their own limits. Following up on the "2010 Vision" discussions at last July's Board meeting, ARRL Executive Vice President David Sumner, K1ZZ, presented the broad strokes of the Certification Program during the Board's January 21-22 meeting in Memphis.

At this point, the Certification Program only exists as a concept, with the details to be worked out, but plans call for having the program in place by later this year. The first step in putting the program in

place will be to solicit the ideas of ARRL members, via a Web-based message board, on appropriate topics to be included in the initial rollout. "The idea is to make this program what members want it to be, and not something imposed from 'on high,'" Sumner said.

"Many ARRL members believe there is a widening gap between what the FCC requires amateur licensees to know and what it takes to be truly knowledgeable about Amateur Radio," he continued. "Whether or not you agree, it's certainly true that those of us who took our FCC exams years ago have never had to demonstrate an understanding of current technology. We could use a new challenge." The new Certification Program will offer participants an opportunity to earn credentials at various levels of depth and difficulty in different courses of study—perhaps in such areas as ionospheric propagation, receiver design, and Morse code proficiency. Sumner said the ARRL should and will continue to encourage the development of Morse code proficiency beyond the basic HF licensing requirements. He observed that the standards for ARRL certification could be more stringent and more uniform than those used for FCC exams.

Sumner said he sees the certification program not only as a welcome opportunity for individual self-development but a response to the perceived "dumbing down" of Amateur Radio qualifications—especially in the aftermath of the FCC's recently announced license restructuring plan. While the plan was not developed directly in response to restructuring, its timing could not be better, Sumner said, conceding that the restructuring debate "has moved it up the agenda."

As envisioned, the program would be largely self-supporting, but startup costs would be funded from the Exceptional Merit Stipend established by the late Ethel Smith, K4LMB. The Certification Program will be dedicated to her memory. Smith—who helped found the Young Ladies Radio League and served as its first

president—died in 1997, leaving the bulk of her estate to the ARRL.

Sumner says a Web-based message board will be set up in a few weeks to gather input from members in terms of specific programs and areas of study or skills development they would like to see become part of the voluntary certification program. The League plans to seek outside expert input to assist in setting the knowledge or performance threshold at the optimal level.

The program likely will include some professional development aspects and could include the granting of Continuing Education Units—CEUs. The League also is seeking cooperative arrangements with related professional organizations. It already has a memorandum of understanding with the National Association of Radio-Television Engineers and has approached the Society of Broadcast Engineers for a similar agreement.

The voluntary certification program dovetails neatly with goals expressed by the League's new President Jim Haynie, W5JBP. Following his election January 21 in Memphis, Haynie said he favors even greater promotion of Amateur Radio, especially among youth and in schools, as well as programs to rekindle interest and activity among current licensees.

DUES REMINDER

Just in case you forgot, membership dues for the Central Michigan Amateur Radio Club and Lansing Civil Defense Repeater Association are due. Your continued support for these Clubs will be appreciated and if CMARC hits 300 this year, "da Prez", Erv and John (N8LLC) have offered to have their heads shaved completely. Get em in and let's shave them heads!

News From Around Town

Including Meeting Minutes from CMARC and LCDRA

CMARC BOARD MEETING

FEBRUARY 4, 2000

President Erv/W8ERV called the Board meeting to order at 7:38 p.m. All Board members were present except for Bill/KB8TTS, who had been excused. Also attending the Board meeting was Dennis Boone/KB8ZQZ, the trustee for LCDRA.

HAM FAIR 2000 Committee volunteers – (1.) Set-up and teardown: Set-up will begin at 5 or 6 a.m. At least 10 people are needed for this job. Only John/N8LLC and Tyler/KC8LWG have volunteered, so far. **(2.) Publicity & Flyers:** Pam/KB8PSF and Erv/W8ERV. **(3.) CMARC/ARRL Table:** Julie/KB8ZXR (if she is not needed as a non-VE helper). **(4.) VE Testing:** Don/KB8RAD and Joe/N8VYS, so far. **(5.) Ticket sales:** Four people are needed for this job. They will rotate, with two persons selling tickets at any one time, and they will be working 1-hour shifts (1 hour on, 1 hour off). The first hour that the doors are open, we will have at least three, if not all four persons selling tickets for the rush hour. Everyone will be able to enter the Center to keep warm and dry. However, the doors to the Main arena, where the Ham Fair is held, will be closed until no earlier than 7:50 a.m. These doors to the Main arena are where the entrance tickets will be sold. We will sell tickets to visitors before the Main arena doors open for the Ham Fair, so there won't be a lot of congestion at the Main arena entrance. **(6.) Vendor Unloading/loading:** Major vendors only will be permitted to drive into the facility for the purpose of unloading and re-loading their merchandise. We do not want to have a lot of exhaust fumes in there for the Fair. **(7.)**

Ticket Prices: Tickets will be \$5.00, in advance, with an s.a.s.e. (self-addressed stamped envelope), and \$6.00 at the door.

Erv passed around a mock-up of the flyer he has been working on for Ham Fair 2000. He asked for comments on the flyer and a motion to use it as our official Ham Fair flyer. A motion was made by Don/KB8RAD to accept this mock-up. It was seconded by John/N8LLC and approved.

Joint CMARC/MSU Amateur Radio Club Classes: Dennis Boone/KB8ZQZ gave a brief update on the classes being held at MSU. He said that 48 people had registered, and they were expecting quite a big turnout

Fund Raising Ideas: Erv updated us with more details on the idea he brought to the Club in January of the possibility of members selling candy to raise money for different Club events. Erv said Profit Potentials, a company that sells bulk candy for this purpose, told him that the minimum we could start with was 50 cases and that we would make a 50% profit. Our cost for the 50 cases would be \$2,520.00 and we would get 5 bonus cases added to offset our shipping cost. However, we would have only one month to sell the candy. Each candy bar comes with a \$1.00 off certificate for Subway sandwiches. Profit Potentials also told Erv that Wal-mart has a "matching grant" program for non-profit organizations, where you sell your goodies and Wal-mart will match what you sell. Tyler reported that he had checked with his school and was told that since we were not affiliated with the school, we could not sell the candy on the school grounds. He is, however, checking out another possibility and will report back at the March meeting. It was then decided that we would table the candy-

selling proposal until the March meeting. At that time, we will bring it to the membership to see if it is something they are willing to do, or if we should just forget it all together.

"Return Service Requested"

Project: Pam/KB8PSF reported that she had a bunch of Scopes that had been returned by the Post Office. They were returned because they could not be delivered due to wrong addresses, and many were marked "no forwarding address". She then told the Board that she had to pay \$8.00 for the postage due on these Scopes as they were over the one-ounce requirement, and therefore, it cost the Club 55 cents for each one that had been returned. (She clarified that the weight was okay for our bulk-mailing permit, but it was just when they came back separately that the weight made a difference.) President Erv said he would take care of these returns.

Pam also asked if Erv or Julie/KB8ZXR (who also have keys to the P.O. box) had picked up any of the Club's mail and especially the yellow postage due slips. They both replied that they had not (it had been decided over a year ago when Joe/N8VYS was Treasurer, that only the Treasurer would go to the P.O. The President and Secretary would have a key so that if needed and asked by the Treasurer, they could get the mail). Pam said that she had received a certified letter from the P.O. saying they had a bunch of postage due slips in the backroom for us. Apparently the Post Office said they only hold these slips up front for ten days and then they put them in the back room. She said some of them were from as far back as December. Pam told them she had been there three times and had taken, and paid for, all the slips that she had found in the box. **[Secretary's note: It sounds like it's the Post Office's er-**

ror in not putting them in the Club's P.O. box and leaving them there so they can be picked up!]

Pam also reported that on the Pollack statement, they were still listing Cary/KC8JKA as the person to ship products to, so she mailed them a request to change their records so that everything would be sent to Erv/W8ERV, since he is the new Scope Editor.

Pam said that the Ham club in Toledo, Ohio had sent us two vouchers that can be redeemed for two tickets for their Ham swap. Erv said we can hand them out tonight to whoever wants them, or use them as a drawing prize.

With the Board's business concluded, a motion was made by Don/KB8RAD to adjourn. It was seconded by Pam and approved. The Board meeting adjourned at 8:05 p.m.

Julie McLain/KB8ZXR-Secretary

CMARC MEETING

February 4, 2000

President Erv/W8ERV brought the meeting to order at 8:10 p.m. He then cordially welcomed our speaker for the evening (Kaz Fujita), Lauren Stanton from TV-53 (who was there to get some videotape of Prof. Fujita for the news), our visitors for the evening, and our faithful CMARC membership. (We had 52 members and 9 visitors in attendance.) Erv asked for all the visitors to raise their hands and introduce themselves. **Our VISITORS were:** Sue McGuire (Dick/KI8C's wife) from Jackson; Jeff Ball (Rodney/KC8HGF's son); Julie Dible (Steve/N8CRH's wife); Clairus Keep (Chuck/W8CLK's new wife); Stephanie Freeman

(Chuck/N8CM's friend); Chad Behl; Lowell/W8IQB and Robin/NI9R Corbin; and Brent Hannahs (son of Clint/KC8EHR and Roxie/KC8GAK).

NEW LICENSES AND UP-

GRADES: From Lansing's January 8th VE session we have two new Technicians (and new Club members): 11-year-old Tyler Whitney/KC8NSB, and Stefan Wagener/KC8NSA (from Germany). Also, our very own CMARC President Erv/W8ERV passed his 20 wpm code test, which completed his upgrade to Amateur Extra Class!! **CONGRATULATIONS TO EACH OF YOU!!**

CARDS AND FLOWERS RE-

PORT: The Secretary said she got a call from Ben Hassel/W8VPC who said that Bill Chapman/W8TJQ was hospitalized with congestive heart failure and kidney failure. A get-well card was sent to Bill at Ingham Medical, room 621. Bill, who is on dialysis, told President Erv that he would like visitors, so please be sure to visit or send him a card to let him know we are thinking of him. Also, please remember to keep Bill and Mary in your thoughts and prayers during this difficult time.

ANNOUNCEMENTS: (1.) On Saturday, Feb. 5th (tomorrow) from 11 a.m. to 4 p.m., CMARC members will be participating in the annual Science Day @ the Mall. They will be setting up radio equipment and the weather table at 9 a.m. If you have never participated in this event, please be sure to attend.

(2.) Monday, Feb. 21st at 7 p.m. at the Ingham County Sheriff Department, will be the next RACES/ARES meeting. All (RACES as well as ARES) are invited to attend, now that these are "joint" meetings.

(3.) On Saturday, April 29th from 10 a.m. to 4 p.m. we will be having a Special Event station at the Ingham County Court House in Mason. We will be celebrating our 50th Anniversary of affiliation with the ARRL. Special Event certificates will be sent to all those contacting the station during this event. We will be using the Club Call (W8MAA) and contacts can be made on 14.250 and the 145.39 repeater. Please send your "completed" QSL card of your contact, along with a 9x12 self-addressed stamped envelope to Ken Faiver/W8HNI at 509 Chanticleer, Lansing, MI 48917.

OLD BUSINESS: A motion was made by Don/W8BQD to accept the Secretary's minutes as printed in the Scope. It was seconded by Currin/W8FSZ and approved. Bernie/N8PVZ mentioned that there were a few discrepancies in the Treasurer's report as printed in the Scope. After Erv said that he had made the mistakes when retying Pam's figures, and everything was then clarified, Bernie made a motion to accept the Treasurer's report. It was seconded by Randy/KC8IHV and approved by the membership.

NEW BUSINESS: Erv talked about the Special Event station that will be held on April 29th in honor of our 50th Anniversary of affiliation with

ARRL. Erv asked if there was anyone present who has been around since the beginning of our affiliation with the ARRL, to which both Currin Skutt/W8FSZ and Don Devendorf/W8EGI said they had. They were given a round of applause. (See announcements for more information regarding this event.)

A. C. Stoddard/W8KLN donated two AM radios to the Club to be given away. In addition to playing the AM broadcast band, the radios can be used as intercoms or for code practice. He also donated a code tape and keyer with the hope that they would go together to the same person. Pam/KB8PSF suggested they would come in really handy for JOTA (Jamboree On The Air) when the Scouts practice sending and receiving code as part of the requirements for earning their communications badge. Upon hearing Pam's suggestion, A.C. donated them to the Club to be used for this purpose.

DRAWING WINNERS: Our drawing winners were: Don Cote/KD8BD, who chose some silverware; Troy Creed/W8TCC, who chose a mini-drawer organizer; and Leo Smith/W8SSK, who chose the two vouchers to the Toledo Ham swap on March 19th.

We took a short 10-minute break and when we returned, we had the **SPECIAL "HAM FAIR FUND"**

DRAWING: The winner of the 2-meter antenna, which was donated by Vice-President Bill/KB8TTS, was Don Hill/KB8HZJ. This being

our third drawing for the 2-meter antenna (the other two winners donated it back to the Club), we have made a total of \$63.

Erv gave a few minutes to LCDRA'S President Clint/KC8EHR to briefly address the group. Clint made one more plea for someone to please volunteer to fill the position of Treasurer on LCDRA's Board, as there was still a vacancy. When a solitary hand went up from the crowd, everyone applauded for Gene Battin/N9XAM, who kindly volunteered for the job.

Erv introduced our speaker for the evening, Prof. Kaz Fujita. Kaz's talk and slide presentation was on the life and extensive work of his late father, Tetsuya Fujita. Kaz told of his father's early life in Japan and of the research and events that brought him to America. Tetsuya, whose life was full of great accomplishments, is also the one who had done so much in helping meteorologists understand tornados. He is not only credited with the invention of the "F" or "Fujita" scale of tornadic strength, but is also the one who made meteorologists aware of the existence of microbursts, which has drastically improved aviation safety. To help preserve all of his father's research for future generations, Kaz is now working on setting up three archive centers that will have copies of all his manuscripts, maps, pictures, etc. Kaz said that one repository will be located in Texas Tech University's Wind Engineering Research Center in Lubbock, another will be at our very own

Michigan State University, and the third will be at a museum in Japan. Kaz is also working with Colorado State University to possibly have a fourth repository located there.

After his presentation and a brief period for questions and answers, everyone gave Kaz a round of applause. The meeting then adjourned at 10 p.m.

Julie McLain/KB8ZXR-Secretary

ZIEGEN- REMINDER

Time is running out for your nominations for the 1999 Ziegenbein Award. Nominations must be received no later than Saturday, April 15, 2000 and should be sent to: Ziegenbein Nominations, C/O Julie McLain, 4444 Sycamore, #1, Holt, Michigan 48842.

The annual award, named for "Mr. Ham Radio", Ralph Ziegenbein (W8PLP)<SK>, is given to the CMARC member who most exemplifies the true Spirit of Amateur Radio in their contributions and dedication to the Club for the last calendar year. Know someone who fits that bill? Why not tell the committee who they are and make it official.

April's edition of the SCOPE will feature a list of past Ziegenbein winners, so watch for it!

For Your Consideration...

Showing Our Stuff In 2000

Well, word has come down from the ARRL that the year 2000 could be a very good year for four of their Affiliated Clubs. And, after reading about it, I just had to pass it on to you. I figured that maybe we can come up with some ideas (as a team) and show our peers that we are worthy of their attention in other parts of the country.

Here's the skinny: According to Great Lakes Division Director, George Race (WB8BGY), the program is called the "ARRL Club 2000 AWARD" and it will be awarded to the Clubs demonstrating the most dedication to Amateur Radio. It is \$1,000 and I can't think of a finer Club ANYWHERE in the United States to have a shot at it. We have been building this group for over two years now and our dedication to the Hobby is being demonstrated all over the place! Why not US?

Let's back up a year or so and recall the beginning of VE Testing being held on a regular basis? Some poo-pooed the idea, saying there would never be enough interest. Surprise! We've seen steady increases at nearly every session in 1999. The crowd that's trying to beat out the restructuring deadline will keep us busy for the first few sessions of this year (already happening), but beyond that, let's give the team credit for establishing a winning record so far!

Add into the mix our latest Amateur Radio classes, some 11 months in the making. Was it worth it? I can think of over 40 reasons to say yes to that question. I can also see us holding another session later in the year, following all the Summer vacations. The group of people who have pulled this off, with GREAT help from the MSU Club really deserve some attention, too.

Let's talk about our meetings, which are focusing on educational themes and has for the last couple years. We want people, especially visitors, to come and feel welcome....but we want them to be captivated by what they see at those meetings. February's meeting was a GREAT example of this. Visitors will come back if they are hooked the first time.

Finally, allow me to mention the youth of this Club. We've seen a huge upswing in Under22 visitors and memberships since the beginning of 1998. What's neat is that we have Under22 visitors coming with their friends, who happen to be members. In turn, some are testing for their licenses and coming into the Club, looking for some excitement. I think this trend will continue-and I certainly hope it does, too! We need all the young blood we can get right now.

Get the point? The Central Michigan Amateur Radio Club is on its way. I have purposely avoided naming names, simply because I don't want to get caught up in patting individuals on the back. This has been a team effort and if we don't stand a better than average chance to get in on the Award, I don't know what Club can! Let's take some pride in this fact and work to make the Club even more available....to kids of ALL ages. Anyone want to volunteer to put on a couple school demonstrations? Maybe we can work up some fliers for elementary students.....can I get an offer of assistance for this? Call me, write me, or email me. But let's take the "bull" by the horns and get our Club some recognition. Let's work to make 2000 the year our Club name becomes synonymous with the word "FUN".

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.

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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
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Deadline for articles: 15th. of month.

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Repeater Trustee: Deans 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.

MARCH BIRTHDAY'S AND ANNIVERSARIES

- 4 – Jim Harvey/KA8DDQ's 51st B'day!
- 10 – John Fairbank/KC8HGB and Wife's Anniv.!
- 12 – Dale Moore/K8YRD's 72nd B'day!
- 17 – Tom Cain/KB8ZL and Wife's 32nd Anniv.
- 17 – Laurie Bates' 37th B'day!
- 17 – John Fairbank/KC8HGB's 58th B'day!
- 21 – Ken Hull/WR8S and Wife's 58th Anniv.
- 22 – Ken Harris Sr./W8KWO's 91st B'day!
- 22 – Candice Knepper/WD8IMJ's 39th B'day!
- 23 – Alton Stoddard/KD8MB's 49th B'day!
- 23 – Herbert Terbrack KB8QEZ's 51st B'day!
- 26 – Forrest Clark/N8PWD's 69th B'day!
- 26 – Lowell Hoyland/KC8ARG's 63rd B'day!
- 27 – Douglas Risdon/KM8P's 60th B'day!
- 28 – Mike Rhew/KC8DBP's 48th B'day!
- 28 – Tyler Head/KC8LWG's 16th B'day!
- 28 – Bob Wright/W8QN's 82nd B'day!
- 30 – Marc Rosenthal/WB2FGV's 45th B'day!
- 31 – Paul Carpenter III/KB8YQW's 41st B'day!

Central Michigan Amateur Radio Club Treasurer's Report

Account Balances as of February 4, 2000

ASSETS:

Cash & Bank Accounts	
Mich. Nat'l Bank Checking	\$2,028.49
USPS Postal Deposit	\$59.47
TOTAL Cash & Bank Accounts	\$2,087.96
Other Assets	
Comerica Bank CD	\$1,291.53
TOTAL ASSETS:	\$3,379.49
LIABILITIES:	\$0.00
TOTAL NET WORTH:	\$3,379.49

Income & Expenses: January 7, 2000-February 4, 2000

INCOME

Coffee Fund	\$10.90
Dues	\$535.00
ARRL Dues Rebate	\$2.00
Directories	\$0.00
TOTAL INCOME:	\$547.90

EXPENSES:

SCOPE Mailings (2)	\$90.15
Supplies-Julie McLain	\$22.07
SCOPE Supplies	\$133.58
Science Day @ Meridian Mall	\$45.00
Service Charges	\$13.55
Postage-Returned SCOPES	\$7.15

TOTAL EXPENSES	\$311.50
TOTAL NET INCOME	\$236.40

Respectfully Submitted,
Pamela Denomme-KB8PSF, Treasurer

Classifieds & Special Announcements

Mark Your Calendar SPECIAL VE DAY SCHEDULED!

According to VE Liaison, Larry Nordeen (N8VEN), a special VE day is scheduled for the express purpose of filing upgrade paperwork, on **Saturday, April 15, 2000 from 9:30am until 12 Noon.** All business will be conducted in Meeting Room D at the American Red Cross, Lansing Chapter, 1800 E. Grand River. Nordeen stressed that there will be ***NO testing on that date, but paperwork only.***

Effective April 15, 2000, Amateur Radio Restructuring comes into effect. This will eliminate the Novice, Tech Plus and Advanced license classes, as well as the 13WPM and 20WPM Code requirements. All that will remain will be the 5WPM code requirement, Technician, General and Extra classes, respectively. Those that meet the new requirements are encouraged to come out on the 15th so they can process your upgrade. A fee of **\$6.65** will be required and *all candidates must have photo identification, copies of and the originals of your current license and any CSCE's you hold AND your Social Security Number.* Hope to see you there!

RACES/ARES Meetings

If you are an RACES or ARES member, and wish to play an active role in the Ingham County RACES/ARES Group, you are invited to attend the Ingham County RACES/ARES 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 RACES/ARES net held at 7pm 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@att.net

RACES/ARES 2000 Meeting Schedule

February 21st at 7pm held at the Ingham Co. Sheriff's Dept.

March 20th at 7pm held at the Lansing Fire Station #8

April 17th at 7pm held at the Ingham Co. Sheriff's Dept.

May 15th at 7pm held at the Lansing Fire Station #8

June 19th at 7pm held at the Ingham Co. Sheriff's Dept.

July 17th at 7pm held at the Lansing Fire Station #8

August 21st at 7pm held at the Ingham Co. Sheriff's Dept.

September 18th at 7pm held at the Lansing Fire Station #8

October 15th at 7pm held at the Ingham Co. Sheriff's Dept.

November 20th at 7pm held at the Lansing Fire Station #8

December 18th at 7pm held at the Ingham Co. Sheriff's Dept.

Help Wanted

The new State Government Liaison, John LaRock (K8XD) is asking for some help. He needs a member of our Club to serve with him as a Local Government Liaison. Duties are light and this would be a great opportunity for someone who is public service oriented.

He also asked for help in finding a Local Youth Coordinator. Duties would be targeted at youth, in an effort to promote Amateur Radio in the community, with emphasis on Boy Scouts, Girl Scouts, 4H, etc.

If you are able to assist John, please contact him directly at k8xd@arrl.net

Thank You.

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 April 20th. 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



ALLOCATION MODULATION
ANTENNA PORTABLE
BANDS PUBLIC
BEACON RADIATOR
BIOLOGICAL REGULATION
DIGITAL REPEATER
DOCKET SIGNAL
EMISSIONS TEST
ENERGY VHF
FCC WARC
LICENSE
MOBILE

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

Calendar of Events for March, 2000

- 3rd CMARC Meeting 8pm, Lansing Red Cross (Dave & Shirley Birdslee)
4th 5.39 Breakfast, Theio's (North East St.) 7:30am
8th Old Old Timers Club Lunch 1:15pm
20th RACES meeting 7pm, Ingham Co. Sheriff Dept. (Mason, MI)
25th 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
P.O. Box 27321
Lansing, Michigan 48909-7321
Return Service Requested

Bulk Rate
U.S. Postage
Paid
Lansing, MI
Permit 919



Central Michigan Amateur Radio Club

THE SCOPE

Lansing Civil Defense Repeater Association



Serving Our Community Since 1921

March, 2000