



Central Michigan Amateur Radio Club

THE SCOPE



Lansing Civil Defense Repeater Association

www.qsl.net/cmarc Serving Our Community Since 1927 April 1999

JuJu Runs Amok!

Bewildered onlookers scrambled for cover as CMORC Secretary, Juju McLean (KB8ZXR), lost control of her senses at the most recent membership meeting. Witnesses were taken aback when, just after bringing the meeting to order, Vice President John Crawfish (N8LLC) was overcome by the zesty note taker and whacked over the head with a gavel. Juju then climbed onto the Board's table, bellowing for all to hear, "I'm in control! I'm in control!" CMORC President, Jerv Banks (W8ERV), absent from the meeting due to work commitments, offered his thoughts on the bizarre situation.

"I always knew Juju had a propensity for violence, but this is even beyond my scope of belief. Maybe those threats to unseat me weren't so harmless afterall."

Donnie Lee McLean (KB8RAD), Juju's husband of more than 25 years, was seen wrestling Juju to the ground, along with others who came to the aid of Crawfish. He was also overheard saying, "Juju really flipped this time. Look at her! I guess I'll have to ask nicely when I tell her to get in the kitchen and fix me a sandwich." Shaking his head in disbelief, he the sane McLean added, "I guess you just never know."

After more than 40 minutes, with Juju subdued by SCRAP Editor, Cory Bitten (KC8JKA) and V.P. Crawfish nursing a badly swollen, bandaged and misshapen head, CMORC members were able to resume the meeting without further incident.

Dues Hit All-Time High

CMORC President Jerv Banks (W8ERV), in a special meeting of the Board, proposed a drastic increase in membership dues recently. The portly, normally jovial Banks was in a somber mood as he outlined a 5 point plan, which included an "Executive Expense Account", to be used at the sole discretion of the President.

"What we're talking about here, is an increase of \$30 per year", said President Jerv. "I need a new Yaesu FT 1000MP and there isn't any other way to get it, ok?"

Response was mixed, following the meeting, but Director Buff Mathis (KB8TTS) said he was in favor of the measure, provided he be elected to the Presidency in 2000. "Hey, I can use a new radio, too" he said with a grin. "Besides, what's forty bucks these days? This is better odds than the Lotto!"

No matter how you slice it, it looks like we have a few nutty Board members, wouldn't you agree?

Local Pirate Walks the Plank

When BCC strongman, Riley Holycow (K4ZDH), made his recent list of the top ten bad guys in Amateur Radio, a local Ham made the cut! And Holycow was in Lanzen, MI this past week to nab him with the goods.

CMORC Under 22 Board member, Jud Gunnysack (KC8IRG), was captured without incident shortly after Holycow's arrival and brought in for questioning on a variety of charges, including operation of an unlicensed 50Kw radio station. Gunnysack, the cherub-faced lil' Ham who recently won a slot on the CMORC Board, seemed unrepentant. "It's a frame job, I tell ya....I was watching Rugrats!" According to Holycow, Gunnysack had operated his "little" homebrew station without the knowledge of his parents. "This kid is good, but unfortunately not in a good way. He masterminded a broadcasting scheme that worked well and used public power sources, without detection".

Just goes to show ya, they are never too young to have criminal tendencies. And the choice of the young delinquent? Disco music. "If it weren't for that awful choice", said Holycow, "he may have gone unnoticed for many years. We can be thankful he was caught now, or he may have gone on to equally dreadful choices like retro-Punk!"

Spring Delayed Until Further Notice

The National Weather Office, located in Gram Cracker, MI issued an unsettling statement last week, regarding the arrival of Spring.

"We regret to inform you that, due to fickle nature of Mother Nature and her twisted sister, La Nina, Spring will NOT arrive in time for the Dayton Hamvention." Dayton attendees were treated to 90 degree weather in 1998, but early forecasts are already calling for 6-10 inches of snow for the May extravaganza.

Inga Co. Assistant E.C., Don Tulipson (WB8NUS) called the release, "Catastrophic for SKYWARN spotters. What will they do this year, have snowball fights when they should be on the lookout for threatening weather?"

According to Weather Office sources, who spoke on condition of anonymity, "You can expect to see warmer weather around July, or early August...then a return to cooler, Fall like weather in Mid August. It doesn't look good at all this year. And for goodness' sake, don't put that snowblower away!"

National Ham News

Texas Weather Emergency Prompts FCC Declaration

At the request of South Texas Section Manager Ray Taylor, N5NAV, the FCC ordered all but emergency traffic cleared from 3873 and 7290 kHz for several hours March 12 and 13, because of a weather emergency. Taylor reports the New Braunfels weather station alerted him to severe weather on March 12, and SKYWARN nets were activated on VHF and, later, on HF because of the wide area involved.

“We had large golf ball size hail, and nine confirmed tornadoes touched down,” Taylor said, adding that some property damage as well as phone and power outages occurred, but no injuries. Flash flood warnings were issued as a result of the violent and slow-moving storms. He said the HF circuits worked fine until malicious interference erupted, and he contacted the FCC on behalf of the Texas Emergency Net. Based on the circumstances, the FCC resident agent in Houston supported the issuance of a declaration.

“The Net tried working without the declared emergency but received intentional interference and requested FCC assistance,” said the FCC’s Jim Laraway. “We assisted.” Taylor said that once the FCC issued its declaration—which was disseminated via a W1AW bulletin—the interference problems disappeared.

More than 150 hams in Texas, Louisiana, Oklahoma, and Arkansas participated in the emergency nets. The FCC declaration expired at sunset March 13.—Ray Taylor, N5NAV - *From ARRL’s Newsletter March 19, 1999*

APRS EMERGENCY CALL BRINGS HELP

When Scott Ratchford, KC5JGV, witnessed a bad accident during a snowstorm on Pennsylvania’s I-76 recently, he immediately grabbed his cell phone and called 911. When that—and several other possible combinations—failed, he tried an emergency call on 2-meters. Again, no luck. Two people were trapped inside an overturned vehicle, and Ratchford was getting desperate. “Here I am in the middle of who knows where, a huge snowstorm, a serious accident, folks needing help, no one answering on .521” he said in a March 8 posting about the incident on the APRS Special Interest Group. “So, I switch the MIC-E to 7, and hit the button.” This sent an emergency mike-encoder signal out over the Automatic Position Reporting System.

Ratchford’s emergency beacon was spotted by several stations who immediately contacted the Pennsylvania State Police. But the cops “don’t do latitude and longitude,” said Dan Velez, W4DJV, in Virginia, one of the stations monitoring the call. Clay Owen, AA3JY, in Pennsylvania, had better luck. He also called the state police and was able to give them references to exits and route numbers, thanks to APRS+ and the Delorme Street Atlas. “I also gave them the name of the individual to be contacted, thanks to QRZ built into this program,” he reported.

APRS developer Bob Bruninga, WB4APR, was among those noting the emergency call in the Pennsylvania-Maryland-New Jersey area. Bruninga notes that APRS-DOS will display the nearest mile marker on interstates but “apparently I missed I-76 in the database.”

Unknown to Ratchford, the message was received and understood. “Little did I know that the APRS message was received, as a trooper had arrived within minutes of my transmission,” he said. Only when the trooper asked for him by name as he was about to leave did Ratchford learn that APRS had delivered the message and that someone had called the police. “I left the scene feeling very happy about our hobby and especially our interest in APRS,” he said. - *From ARRL’s Newsletter March 19, 1999*

SOLAR UPDATE

Solar activity was up slightly this week. Although average sunspot numbers were about the same, average solar flux was up about 12 points over last week. Expect solar activity to go lower in the near future. For March 19-21, flux values are expected at 145, 135 and 130, and Planetary A index should be 10, 8 and 7.

Beyond the weekend look for solar flux to drop to around 125 next week, and then begin to rise around the end of the month. Watch out for recurring geomagnetic disturbances around March 28, and a slowly rising solar flux to reach 150 around April 10.

Sunspot numbers for March 11 through 17 were 95, 98, 107, 131, 126, 134, and 131, with a mean of 117.4. The 10.7-cm flux was 137, 140.3, 144.4, 150.4, 150.1, 155.7, and 154.5, with a mean of 147.5. The estimated planetary A indices were 13, 10, 7, 13, 16, 4 and 5, with a mean of 9.7. - *From ARRL’s Newsletter March 19, 1999*

ARRL's News Letter - IN BRIEF:

* This weekend on the radio: The Alaska QSO Party, the Virginia QSO Party, the Ohio Winter QSO Party, and the Bermuda Contest are the weekend of March 20-22. Just ahead: The CQ WW WPX Contest is the weekend of March 28-29. See March QST, page 96, for details on these events.

* Vanity update: The FCC in Gettysburg reports it has processed vanity call sign applications received through February 26. On March 17, the FCC issued 104 grants. Another 125 applications landed in the work-in-process (WIPs) stack. The FCC reports it received 1447 vanity call sign applications during February, the vast majority of them filed electronically via the Internet.—FCC

* FCC sets aside New Yorker's ticket: The FCC has set aside a new Technician grant to Raymond S. Graham, KC2EQQ, of Bronx, New York, while it evaluates allegations of earlier unlicensed radio operation. A letter to Graham March 11 from the FCC's Riley Hollingsworth noted that Graham had been formally warned about unlicensed operation on January 6. Graham's Technician license was issued February 17.—FCC

* Michigan ham called for retesting: The FCC has asked Joseph Walker, W8JCW, of Gaylord, Michigan, to retake his General and Advanced class amateur examinations under an ARRL-VE team. Walker must complete the retest by May 15. The FCC said that if he fails to appear for retesting, his license will be canceled.—FCC

* Texas PRB-1 bill update: The Texas amateur antennas bill, HB 1345, has been approved by the Texas House of Representatives. An amendment concerning historical preservation was added to the bill. The amendment would add language stating that the measure would "not prohibit an architectural or historical district established under law from taking any action that the district may take under law." The bill was officially received by the Texas state Senate on March 18. Supporters have been seeking support for the measure in the state Senate. As yet, the bill has no Senate sponsor.—thanksto Tom Blackwell, N5GAR and Ray Taylor, N5NAV

* Ham radio, Great Circus Train back on track: Amateur Radio will be back on board when the Great Circus Train makes its annual run between Baraboo and Milwaukee, Wisconsin, this summer. Last summer, the hams were left at the station after the circus train's sponsor, Circus World Museum, cited "severe space limitations" and opted to accept an offer of communication services from a cellular provider. This year, special event station W9R will operate on HF from aboard the train during its annual journey, July 2-5. Current plans call for operation on 40, 20, and 15-meter SSB. Members of the West Allis Radio Amateur Club will operate special event station W9C from the show grounds once the train reaches Milwaukee. Ham radio first rode the rails with the circus train in 1965. ARES members aboard help handle communication along the route and, once in Milwaukee, at the show grounds and for the circus parade.—thanks to Jim Romelfanger, K9ZZ

* Ham Trader Yellow Sheets QRT: After 38 years in business, the Ham Trader Yellow Sheets will cease publication. The twice-monthly classified publication is being absorbed into the Amateur Radio Trader, according to an announcement in the last edition of the Yellow Sheets. "It has been increasingly difficult to continue to provide the reliability and low cost that we always have in the past," said a statement from Founder and Editor Al Brand, and Publishers Dave and Barbara Brand Wixon. Yellow Sheets subscribers will automatically get an Amateur Radio Trader subscription, while the subscriptions of ART subscribers who also subscribed to the Yellow Sheets will be extended. Amateur Radio Trader of Crossville, Tennessee, is published by TAP Publishing.

* IARU world telegraphy championship: The Third IARU High Speed Telegraphy World Championship in takes place April 28-May 2 in Pordenone, Italy. Additional applicants are still being accepted. If you'd like to compete, e-mail IARU organizer Laci Weisz, HA3NU, jozsi@kvantum.hu. Visit <http://www.dipole.com> for more information.—thanks to Lali Laki, VA3RU

* W7HF honored: On March 14, the town fathers of Aberdeen, Washington, joined friends and neighbors of George "Dewey" Wilson, W7HF, to celebrate his 100 years as a town resident. Wilson, who turns 102 later this year, is an active ARRL and QCWA member. He's a member of the Grays Harbor Amateur Radio Club. Born November 1, 1897, Wilson was first licensed in 1913 (although he admits to a little bootlegging before that time). He renewed his driver's license in time for his 100th birthday but says he's not driving much anymore—just "around town." ARRL Executive Vice President David Sumner, K1ZZ, sent a congratulatory letter to Wilson when he turned 100 in 1997.—thanks to Harry Lewis, W7JWJ

* Special Canadian call sign: The call sign XL3D has been assigned for use on the 25th anniversary of the Ontario DX Association for the period March 25 to April 25, 1999.—RAC

* VY0 becomes effective April 1: The new Canadian Territory of Nunavut, VY0, comes into effect on April 1, 1999. To reflect this new addition, Nunavut will become a separate multiplier in the two RAC Contests, commencing with the RAC Canada Day Contest on July 1, 1999.—RAC - From ARRL's Newsletter March 19, 1999



Local & Special Interest News



Silent Key...

We are saddened to report that Linda McNease, W8LIN, a member of the Central Michigan Amateur Radio Club, became a Silent Key on March 6, 1999 in Phoenix, Arizona. Linda was active in CMARC, attending Field Day and even preparing the world-renown Chili concoction

that was such a hit a couple years ago.

Linda was born on August 26, 1942, graduated from Sexton H.S. in 1960 and was employed by the Michigan Department of Natural Resources, as well as Ledge Bookkeeping in Haslett. She was first licensed as KC8DPZ and later applied for and received a vanity callsign. Linda is survived by three sons and one daughter and her favorite grandson, Braydon, age 3 years. In lieu of flowers, the Board felt it best to make a \$25 contribution towards a \$50 savings bond, in memory of Linda, to be given to Braydon for his education fund. 73/88 Linda, we will miss you!

Ladies Night/Awards Banquet

The Ladies Night/Awards Banquet will be held Friday, May 7th at 6:30 p.m. The banquet will be held this year at the Coral Gables Restaurant located at 2838 E. Grand River in East Lansing. The menu for the banquet is in this issue of the Scope, and your preferences are due April 15th. Please return your completed menu order along with your check to Julie McLain/KB8ZXR at 4444 Sycamore, #1; Holt, MI 48842 by April 15th!

There will be a cash bar at 6:30 p.m. with the meal beginning at 7 p.m. Immediately following the meal we will have the awards and entertainment. Our banquet room at Coral Gables is handicapper accessible and parking is free. Hope to see you there! -KB8ZXR



Y2K Toaster Follow Up:

A tale of one man's triumph over modern technology.

Ah, how I longed for the heartwarming, red glow of the toasterelements! It was seven days and counting, on the band wagon without toast. My "friends" hadn't taken the hint yet and invited me over for breakfast. Seven l—o—n—g days. I was desperate. That 32-pin IC in the toaster was scary, but prolonged toast deprivation can drive one to extremes. I am, after all, an Amateur Extra. Able to solve complex equations with the mere push of a calculator button. Able to copy the quietest whisper of a cw signal sent at speeds faster than your computer thinks...in my sleep. Able to time out any repeater with impunity. Able to stop speeding electrons with a mere wave of my hand. Modesty prevents me from continuing, but I'm sure you get the picture.

I had reasoned that in my awe and disbelief at seeing a 3x5 circuit board in a toaster I had overlooked something simple. As my daughter Lisa, KC8FDP told me, "The hardest ones to find are the ones right under your nose". After all, turning the toaster upside down and shaking it shouldn't have done in the electronics. It had to be something simple. Over the course of a week's worth of toastless, boring breakfasts I had pondered this hypothesis, and my thoughts kept returning to a small, clear forked piece of plastic with a 1/8" square shaft on the end which had fallen out when I removed the cover the first time. Who ever heard of using plastic inside a toaster anyway! I had mused over the piece at the time, and figured it probably helped hold the cover onto the frame, but couldn't figure out where it went. It probably wasn't necessary anyway. Who needs it?

Well, I was wrong. Further examination showed that the 1/8" shaft was actually a key that fit into the main power switch. I had reasoned that they'd used a much "simpler" way of turning the power on, by sensing continuity across the latch when depressed, and having a logic circuit control a power relay. Not so, they used something complicated like a switch! Reinstalling the plastic key proved the charm, and I'm no longer suffering from toast deprivation.

My daughter Kristen, KC8CPF, summed it up well. "Great Dad, you fixed the toaster! Now it will work until the end of the year" (Y2K). Best of all, I saved the bench fee to have it looked at! Anyone want some great toast?

John Kelly-AA8LF

Ziegenbein Nominations

Each year the **Central Michigan Amateur Radio Club** honors the member who contributed the most to the **Central Michigan Amateur Radio Club** and/or amateur radio during the preceding year. The award is made in the name of '*Ralph Ziegenbien*' who was "Mr. Ham Radio" in Lansing for many years. The recognition takes the form of a plaque which is presented at the annual Ladies Night Awards Banquet held in the spring. The Ziegenbein Committee which selects the nominees to receive the award consists of the last three recipients of the award. Members who have been so honored in the past date back to 1961:

1961: Gorden Main - W8OCK
1962: Currin Skutt - W8FSZ
1963: Pete Gossett - W8CKK
1964: Don Rickerd - W8BQD
1965: Dan Harger - W8BCI
1966: Ben Hassell - W8VPC
1967: Dick Kelly - K8BZV
1968: Duane Cross - K8ATU
1969: Harold Bell - WA8LAY
1970: Wally Beck - W8QQL
1971: Mert Henry - K8ETU
1972: John Sheldon - WA8MVH
1973: Lyle Brooks - W8TIJ
1974: Carl Hunsaker - K8ILF
1975: George Croze - K8VKX
1976: Lloyd Brox - K8ZKM
1977: Larry Alman - WA8QCW
1978: Dale Moore - K8YRD
1979: Lee Hamilton - K8CDM
1980: Beverley Stoner - K8ZJU

1981: Harold Mahlke - W8OG
1982: Jere Haigh - WA8BAP
1983: Linda Haigh - KA8HHA
1984: Rowena Elrod - KA8OBS
1985: John Hewitt - K8DHN
1986: Marion Stoner - W8VWY
1987: Don Tillitson - WB8NUS
1988: George Wood - K8GHX
1989: Inez Pearson - KY8V
1990: Don Devendorf - W8EGI
1991: Bill Chapman - W8TJQ
1992: Ken Kruger - W8AAX
1993: Dick Thomas - W8VJC
1994: Dick Pennington - W8SFA
1995: Don Cote - KD8BD
1996: Pete Elrod - N8EST
1997: Roy Uchigashima - N8GAQ

Once again it is time to consider nominations for this award for 1998. Nominations should be written stating reasons why the nominee should be chosen. A committee of three persons consisting of the last three recipients of the award would normally judge the nominations. The senior member is the chair of the committee. This year Don Devendorf-W8EGI, will replace Pete Elrod-N8EST, a Silent Key. Please submit your nominations to Don Cote-KD8BD, Roy Uchigashima-N8GAQ, or Don Devendorf-W8EGI, not later than April 3, 1999.

73,

Don Cote-KD8BD, Committee Chair

For Your Consideration...

"Taking Ownership" is a simple enough expression, but when you take it all apart, it is much "easier said than done". The funny thing is, when you take ownership of something, it's more than just saying, "This is mine!", you have a vested interest in the thing you have taken ownership of. Take CMARC or LCDRA for example.

In the four and a half years I have been associated with these Clubs, I can honestly tell you that I didn't know what taking ownership meant. Like most Club members, I came (when I could) to be entertained. Make me smile, leave me with some new technology to think on, teach me something. Sound familiar? I guess you could say I warmed a seat with the best of them, but serving on the CMARC Board has taught me some valuable lessons. These lessons have not come without a price, I can assure you of that.

As we make one final trip through the 20th Century, we're forced to look back and see where we've been. With the 1900's came the beginning of something huge. Electronics. We've seen the progress. From spark-gap to tubes, to solid state. Did you ever think we would be able to talk to and hear-IN REAL TIME-family and friends from half a world away? With the dawn of the World Wide Web, came this possibility, but it all started when someone took ownership of a particular idea and ran with the ball. Ol' Bill Gates made a lot of money off those dreams, didn't he?

Ok, so we're not Bill Gates, Ross Perot or Steve Forbes, but we are still in a position to take ownership of a set of ideals, which could cause this Club and Amateur Radio as a whole to grow in ways you can only imagine. It starts with a dream, an idea, or a wish. From there, feed and nurture it, spread it among your friends and almost before your eyes.....it blossoms into reality.

A letter that was written by some local Club members a few years ago will illustrate my point. These guys got fed up with "the status quo". They listed several ideas, suggestions and wishes and submitted them to (then) L.C.D.R.A. President, Bil Blick (WSEB). Well, Bil decided he would take the note, written as a personal suggestion list, and read it to the membership. The results? With a smile, I can tell you that I personally reviewed this note recently and 99% of those ideas have come to fruition. Now, they didn't just magically happen and nobody granted them carte blanche to do as they chose. Their ideas were voted upon, based on merit, practicality and feasibility. In the final analysis, our repeaters are better off today than they were 4 years ago, our Club meetings (both of them!) are attracting more participation and you can sense the excitement in members when a new idea is raised. Ah, the wonder of "open-door" policy!

So let's keep looking ahead, reminding ourselves that progress isn't a bad thing. In fact, it's complacency that threatens to harm this great Hobby. We MUST remember that. In taking ownership, we also take a full measure of responsibility for the care of our idea. Keep this in mind when you read, in the pages of ZST or other Amateur Radio publications, that our Hobby needs new direction. Whether we're talking about the Code or restructuring license classes, or trying a new mode of operation-take your pick-Amateur Radio WILL change, or it will die. We have to sell the sizzle and when you compete with the Web, you have to dig deeper to do it.

A closing thought, if I may. In reviewing ZST from 1963, when the topic of the day was incentive licensing, I noticed that some of the same bristly comments were spoken THEN about that proposal as I've seen about restructuring the license classes. In fact, ZST printed more than a thousand comments on the subject....some written more intelligently than others. The position of the ARRL then, as it is now, is progress! Taking ownership IS a grand thing!

Classifieds & Special Announcements

Lansing V.E. Test Dates

Larry Nordeen our new *CMARC* V.E. Coordinator

At the Lansing America Red Cross, in the Kropschot Room

Pre-registration starts at 9:30am and testing starts at 10:00am for the following dates: Jan 9,
Mar 13 and May 8, 1999

Contact Joe Denommee-N8VYS at (517) 589-5263

1999 CMARC MEETING DATES

Febuary 5th, March 5th, April 9th - Sky Warn Class, May 7th - No meeting at the Red Cross. As usual, we will be holding the Ladies Night/Awards Banquet. **June 4th** - Field Day discussion, **July 9th, August 6th, September 10th, October 1st, November 5th** - Nominations, **December 3rd** - Election of officers

April 9th will be the CMARC meeting due to Good Friday being April 2, 1999 this will also be a Skywarn Meeting.

March 28, 1999 thorough April 3, 1999 is Severe Weather Week

Volunteers Needed for the MS Walk

April 18, 1999 from 7am to 1:30pm
Call Don Tilitson-WB8NUS at (517) 321-2004

Ziegenbein Award Nominations

Friday, April 9th is the cut off date for excepting nominations for the Ziegenbein Award. Please send your nominations for the Club member that has contributed the most to CMARC and the Amateur Radio Hobby in the past year, to Don Cote/KD8BD. His address is: 100 W. Syringa Dr. in Lansing, MI 48910. The Ziegenbein Committee is requesting that your nomination should not be just a brief note, but a detailed explanation of why you think that person they deserves the award. - KB8ZXR

HELP!!

LCDRA Secretary Needed!!!

LCDRA is in need of a Secretary, since the resignation of Julie/KB8ZXR, at the February meeting. There have been no volunteers as of yet, and we desperately need to have this resolved at the April meeting. If you are interested in the position, please contact LCDRA's President, Clint Hannahs/KC8EHR at (517) 882-1799. Julie has offered any help she can to the new Secretary. Meetings are held on the third Thursday's of the even months, at 7:30 p.m. in the Meridian Charter Township Service Center, 2100 Gaylord C. Smith Court in Okemos. -KB8ZXR

Corunna VE Testing

On the 4th Thursday of the month at the Red Cross in Corunna, MI (except for July, Nov. & Dec.)
Call in frequency is 147.020 +

LADIES NIGHT/AWARDS BANQUET

MAY 7, 1999

CORAL GABLES, 2838 E. Grand River in East Lansing

CASH BAR 6:30 P.M. MEAL 7-8 P.M. ENTERTAINMENT (following meal)

HANDICAPPER ACCESSIBLE FREE PARKING

MENU: Tossed Salad, Vegetable, Whipped Potatoes w/Gravy, Rolls, Coffee or Tea

DESSERT: There will be an assortment of Pies, which costs \$2.00 extra.

ENTREE: CHOOSE 1 PER PERSON (Prices include 6% sales tax and 15% gratuity)

1. Broiled Sizzler Steak, 9 ounce (without Dessert) = \$13.35
2. Broiled Sizzler Steak, 9 ounce (with Pie \$2 extra) = \$15.79
3. Baked Half Chicken with gravy (without Dessert) = \$13.35
4. Baked Half Chicken with gravy (with Pie \$2 extra) = \$15.79
5. Baked Buttercrumb Scrod (without Dessert) = \$13.35
6. Baked Buttercrumb Scrod (with Pie \$2 extra) = \$15.79

RESERVATIONS MUST BE IN BY APRIL 15TH!!!

PLEASE COMPLETE THE FORM BELOW. THEN CUT OFF AND RETURN, ALONG WITH YOUR CHECK TO: JULIE MCLAIN/KB8ZXR; 4444 SYCAMORE ST., APT. 1; HOLT, MI 48842-1651. PLEASE MAKE YOUR CHECKS PAYABLE TO: *THE CENTRAL MICHIGAN AMATEUR RADIO CLUB.*

—————**CUT HERE**—————**CUT HERE**—————**CUT HERE**—————

NAME & CALL _____ **PH. #** _____

WIFE'S OR GUEST'S NAME & CALL _____

GUEST'S NAME & CALL _____

GUEST'S NAME & CALL _____

NUMBER OF MEALS ORDERED: _____

(PLEASE FILL IN YOUR MEAT CHOICE, IF YOU *DO* OR *DO NOT* WANT PIE, AND THE PRICE)

(Circle one)

MEAT: _____ **DESSERT:** *YES OR NO* **PRICE** _____

MEAT: _____ **DESSERT:** *YES OR NO* **PRICE** _____

MEAT: _____ **DESSERT:** *YES OR NO* **PRICE** _____

MEAT: _____ **DESSERT:** *YES OR NO* **PRCIE** _____

TOTAL PRICE _____

The '99 CMARC Board

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

Our CMARC Officers:

Pres: Jim "Erv" Bates-W8ERV ph: (517) 676-2710
Vice Pres: John Crawford-N8LLC ph: (517) 393-2336
Sec: Julie McLain-KB8ZXR ph: (517) 694-0812
Treasurer: Bill Mathews-KB8TTS ph: (517) 394-1198
Dir: Don McLain-KB8RAD ph: (517) 694-0812
Dir: Joe Denomme-N8VYS ph: (517) 589-5263
Under 22: Jud Gunderson-KC8IRG ph: (517) 321-7759
Cards & Flowers Chmn.: Kimberly Carpenter ph: (517) 332-4719
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: Cary M. Britten-KC8JKA email: KC8JKA@att.net; ph: (517) 482-8048
Deadline for articles: 15th. of month.

The LCDRA Board

Our LCDRA Officers:

Pres: Clint Hannahs-KC8EHR ph: (517) 882-1799
Vice Pres: Don Rickard-W8BQD ph: (517) 339-8496
Sec: Julie McLain-KB8ZXR ph: (517) 694-0812
Treasurer: Don Tillitson-WB8NUS ph: (517) 321-2004
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 the Meridian Township Service Center, 2100 Gaylord C. Smith Court; Okemos

CMARC MEETING March 12, 1999

Vice President John/N8LLC brought the meeting to order at 8:09 p.m. We had 34 members and 8 visitors in attendance. OUR VISITORS were: Emily Shanblatt (Mike/K8MAS' wife); Heidi Korietzko; Garry Watson; Pat Ball (Rodney/KC8HGF's wife); Rose Batdorff and her 14 yr. old son, Ben (who is studying for his license), and Dan Miloch, Ben's friend.

NEW LICENSES OR UPGRADES: Tyler Head (the 14 yr. old who showed up at LCDRA's Feb. meeting, just to see all the people he'd been monitoring) passed his test in Corunna on Feb. 25th and is now KC8LWG. We all applauded him, and John asked him if he was a member yet. When he answered "no", the Vice President then asked him to come forward at the request of Don/KB8RAD and Julie/KB8ZXR who bought him a full CMARC membership. CONGRATULATIONS on your new license Tyler, and WELCOME to our Club!

VANITY CALLS: Steve Dible/K8JNP is now W8CRH, which is his mentor's old call. INTERESTING DX CONTACTS: John/N8LLC

read a few of the contacts Erv/W8ERV has made, with his new Tech Plus license, to the Canary Islands, Italy, Brazil, Caiman Islands, Puerto Rico, Guantanamo Bay in Cuba, Virgin Islands, the Netherlands Antilles and many others. John himself said he has just gotten an Icom 706 and contacted a VE5RA in the St. Croix area and a CN6YI in Cuba.

ANNOUNCEMENTS: We have received a complaint from the Red Cross House-keeping, that we have been leaving the room in a mess after our meetings. We have had the use of this room for many years and at no cost to the Club. To make sure that we both stay on good terms with the Red Cross and keep our meeting room, please pick up after yourself... and your neighbor, if "he" forgets!!

Our dear friend and Club member, Linda McNease/W8LIN passed away on Sunday, March 7th. Linda had a brain tumor removed on Jan. 8th and during the surgery, the Surgeons found many smaller ones. Linda went through chemotherapy fairly well, but had trouble handling the radiation. A memorial service was already held in Arizona and another one will be held in Lansing some time in August. In lieu of the \$25 we normally spend on flowers, the Board voted (at her families request) to use the \$25 instead to purchase a \$50 savings bond for her 2-yr. old grandson, Braydon.

April 9TH - The Ziegenbein Award Nominations are due on Friday, April 9th. You may send your nominations to Don Cote/KD8BD at 100 W. Syringa Dr., Lansing, 48910.

April 9TH - Friday will be our annual SkyWarn meeting with a Meteorologist from the Grand Rapids Weather Bureau. If you are interested in being a "Spotter" for severe weather and have never been certified, or would just like a refresher, please be sure to attend.

April 15TH - Reservations for the Ladies Night/Awards Banquet are due on Thursday, April 15th! We will be holding our banquet at Coral Gables this year which is located at 2838 E. Grand River in East Lansing, and the menu sounds great! If you are planning on attending, please fill out the menu form in this issue of the Scope and return it, along with your check, to Julie McLain (4444 Sycamore, #1; Holt, MI 48842) by April 15th. Hope to see you there!

April 18TH - Which is a Sunday, will be the annual MS Walk-a-thon. Don/WB8NUS would like 10-15 volunteers, so if interested in helping, please contact him at (517) 321-2004.

April 21ST - Which is a Wednesday, will be

"Science Night" at the Ralya Elementary School from 6 p.m. to 8:30 p.m. Pam/KB8PSF is looking for volunteers, so if interested, please call her at (517) 589-5263. Families are welcome!

May 7TH - Which is a Friday, will be the Ladies Night/Awards Banquet at Coral Gables, which is held in lieu of our May meeting. (See April 15th above, for more details.)

Ham Fair Special Dates of Interest: October 10, 1999 is the date of the CMARC/LCDRA Ham Fair. We have a lot of good ideas and are confident that this will be a Ham Fair to remember. However... to truly make it a success, we need your help! Please show CMARC and LCDRA you care by attending these planning meetings! The dates are: May 23rd, Aug. 29th, Sept. 19th and Oct. 3rd and will be held Sunday's at 2 p.m. in the McCall Room of the Red Cross. Hope to see you there!

Unpaid Dues: The Membership Chairman, John Ingraham/NG8L, has three pages of members who have not yet paid their dues for 1999! If you can't remember if you have paid or not, please contact John or one of the Board members. We need YOU to make our Club great!

OLD BUSINESS: A motion was made by Cary/KC8JKA to accept the Secretary's report as written in the Scope. It was seconded by Bernie/N8PVZ and approved. There was no Treasurer's report listed in the Scope for February.

NEW BUSINESS: There was no new business for tonight's meeting.

DRAWING WINNERS: Our winners were Joe/N8VYS, who won a fire extinguisher and Troy/W8TCC, who won a set of three frying pans.

PROGRAM: We took a short break and when we came back, John Kelly/AA8LF gave an excellent dissertation and demonstration on Fox hunting. He also had help with his presentation from Dennis/KB8ZQZ and Mark/N8DEF who showed us their homebrew antennas. John had hidden a mini-transmitter in the room prior to the meeting, and was discovered at the close of the meeting by Mark and Jodi/KC8ADO. The transmitter was hidden in the wooden base of John's "tape measure" antenna.

A motion to adjourn was made by Julie/KB8ZXR and seconded by Joe/N8VYS. The meeting adjourned at 9:56 p.m.

Julie McLain/KB8ZXR-Secretary

Central Michigan Amateur Radio Club Treasurer's Report

Account Balances as of March 5, 1999

ASSETS:

Cash & Bank Accounts

Mich. Nat'l Bank Checking \$761.67

USPS Postal Deposit \$281.90

TOTAL Cash & Bank Accounts \$1,043.57

Other Assets

Comerica Bank CD \$1,291.53

TOTAL ASSETS: \$2,335.10

LIABILITIES: \$0.00

TOTAL NET WORTH: \$2,335.10

Income & Expenses: Jan 9, 1999 - March 5, 1999

INCOME

Coffee Fund \$5.51

Interest on CD \$59.19

Dues \$405.00

Sale of Directories \$13.00

TOTAL INCOME: \$482.70

EXPENSES:

SCOPE Mailing \$98.64

Bulk Rate Permit \$85.00

Science Day at Meridian Mall \$30.00

P.O. Box Rent \$44.00

Cary Britten-Supplies \$55.10

Service Charge \$27.49

TOTAL EXPENSES \$340.23

TOTAL NET INCOME \$142.47

Transfer from checking to Postal Deposit \$300.00

Respectfully Submitted,
Joseph Denomme-N8VYS, Treasurer

CMARC BOARD MEETING

March 12, 1999

Vice President John/N8LLC brought the meeting to order at 7:36 p.m. All Board members were present except for Judd/KC8IRG, and Erv/W8ERV who was excused for work. Don/WB8NUS and Dennis/KB8ZQZ, members of the CMARC Financial Committee, also sat in on the meeting.

The Secretary passed along the sad news that Linda McNease/W8LIN had passed away on Sunday, March 7th. The Surgeons had successfully removed a brain tumor in January, only to discover several smaller ones during the surgery. She went through chemotherapy pretty well but just couldn't handle the radiation treatments. We will miss her greatly. A memorial for her was held already in Arizona, but another one will be held in Michigan later this year in August. In lieu of flowers from the Club, a suggestion was made by her fam-

ily that we take the \$25 we normally use for flowers, and instead buy a \$50 savings bond for her 2-yr. old grandson, Braydon. A motion was made by Bill/KB8TTS to proceed with this suggestion. It was seconded by Don/KB8RAD and approved. A check was written for \$25 and given to the Secretary who will buy the bond and a card, and mail it to Linda's family in Arizona.

We had two applications for Life Membership to vote on. They were for Ray Ridenour/KB8ETY and Ken Hull/WR8S. As they meet all the qualifications, a motion was made by Don/KB8RAD and seconded by Bill/KB8TTS to approve them for Life Membership. The motion was passed.

The Secretary submitted a tentative bill from Erv/W8ERV for the purchase of a stapler, staples, printer cartridge, and paper for the Ham Fair flyers. He will submit an itemized bill along with receipts at the April meeting. A motion was made by Bill/KB8TTS to approve a check made out to Erv for these items. It was seconded by Julie/KB8ZXR and approved.

We checked out the mock-up of the flyer Erv has been working on for Ham Fair because he wanted any suggestions or comments we might have. The Secretary noted the changes that were suggested and will pass them on to Erv.

We also discussed the floor plan Don/WB8NUS brought in and talked over some ways it could be rearranged if we manage to get a computer supplier to come in as a dealer. We came up with two alternative floor plans that could accommodate their needs. Bill, who volunteered to contact a computer dealer, took the dimensions with him so he could offer potential participants a couple of different plans they might be willing to work with.

proved. The meeting adjourned at 7:58 p.m.

Julie McLain/KB8ZXR-Secretary

HAM FAIR MTG./ CMARC SPECIAL BOARD MTG.

February 28, 1999

Ham Fair: CMARC's President, Erv/W8ERV brought the meeting to order at 2:10 p.m. All Board members of both CMARC and LCDRA were in attendance. Also in attendance were Betty Bell, Hazel Rickerd/K8KSX, Mary Lou Tillitson, Roxie/KC8GAK and Brent, Kim Carpenter and her grandbaby "Nick-knock", Cary/KC8JKA (Scope Editor), and two members of CMARC's Financial Committee, Don/W8BQD and Dennis/KB8ZQZ.

Since no one else wanted the job, and to everyone else's relief, Erv volunteered to be the 1999 Ham Fair Chairman. He told us that Don/WB8NUS had tried to work up a floor plan for the Alaiedon Elementary School using the space they gave us this year. However, Don couldn't make it work because there wasn't enough floor space to meet our needs. Therefore, due to the expediency and timing of the situation (the fact that we needed to confirm our reservation at the Fairgrounds or lose it), a speedy decision was made to stay at the Ingham County Fairgrounds Community Center again this year.

Erv discussed his idea for holding an auction to bring money into our treasury. He said we could use the proceeds to buy better prizes for the Fair and depending on how well the auction goes, the rest of the money could be used for various Club events. He said he had done this kind of thing before and would be willing to procure the donations.

Some other things we discussed were: the additional hour we will be open for the Fair (8 a.m. to 2 p.m.), the pass for the Housekeeping employee, and badges for Security. We also discussed some of the duties that we need workers for, and the people who have already volunteered to fill some of these spots. Flyers: Cary/KC8JKA, John/N8LLC and Don/N8XME will be working on printing, folding, labeling, and mailing the flyers. Public Relations: Pam/KB8PSF will be the Public Relations Chairperson, and will be responsible for all public relations matters for Ham Fair '99. Reservations: Don/WB8NUS, LCDRA's Treasurer, will be responsible for working on the floor plans, contacting the local Fire Dept. for their approval, and table reservations. He will also be working with CMARC's Treasurer, immediately after the Fair, counting the pro-

ceeds and balancing the books. PA: Scott/N8YRN will handle the PA system again this year, making all announcements, drawings, etc. ARRL Table: Don/KB8RAD will again be in charge of the ARRL/Club Table. Under 22 Table: Judd/KC8IRG will handle CMARC's "Under 22" table. Kitchen Staff: Karen Crawford, Kim Carpenter, Jane/KC8FSK and Julie/KB8ZXR will be in charge of obtaining the food permit, and in purchasing, preparing and serving the food for the Fair. Security Staff: Clint/KC8EHR will be in charge of the Security staff and will also be a floater. Chris/KC8CAJ, Joe/N8VYS (inside), Cary/KC8JKA (outside), and Bill/KB8TTS (who will also have a table and will be a floater) will all be providing security during the Fair. They will also direct parking and trunk sale spots. Security will have badges to distinguish them. Talk-In: will be on 145.39 and 146.52. Hal/WA8LAY will be taking one of the shifts for this important task, so one other person is still needed. Ticket Sales: No one has volunteered as of yet. However, we figure we need at least 5 people for this job. 50/50 Ticket sales: No one as of yet. Signs: Clint/KC8EHR and Karen Crawford will be working on signs for the Fair. They will make them large enough to read as you drive by and sturdy enough that they won't be blown around in the wind. It was suggested that we use sawhorses to hold the signs by the entrances. It was also suggested that we have some type of light at the entrances so people aren't driving on past them in the dark. Cary/KC8JKA commented that with the proceeds from the auction (mentioned earlier), we should purchase some lights to be used for this purpose each year at the Fair. Another suggestion was to buy helium filled balloons and put them at strategic places so they would be noticed after daylight.

A few things we decided to do differently this year were as follows: (1.) We decided we would put on the flyer "All tables must be claimed and paid for by 8:30 a.m. or they will be resold." (2.) We will give the Vendors 2 weeks in which to reply to our invitation and if we don't hear from them, we will sell the tables "first come, first served". (3.) If we have empty tables and it starts raining, we will bring in the trunk sale vendors, at no extra cost.

A motion to adjourn was made by Erv and seconded by John/N8LLC. The meeting adjourned at 3:25 p.m.

CMARC Board: Immediately after the Ham Fair meeting, CMARC's Board met to discuss a few items that needed to be handled. The meeting started at 3:34 p.m. It was suggested by many of the Board members that we need

a different place for the special meetings, as it was too noisy at the restaurant. The Secretary said she would contact the Red Cross to see if they would have a room that we could use.

We also addressed the subject of the bills recently submitted to the Club by Dave/N8WTH that were incurred while he was on the Board. After a lengthy discussion, we decided that we could not justify all of his expenses. A check was written for the amount agreed upon and the Secretary was asked to write a letter to Dave explaining our decision. Erv discussed a plan he calls "Project 2000". The plan is based on an idea originally formulated by Bob Williams/W9NIP, and brought before the CMARC membership a couple of years ago by the Secretary Julie/KB8ZXR. The idea was approved by the Club at that time but was never acted upon. Erv decided to revive the idea and implement it, giving it the name "Project 2000". He showed us a printout of Amateurs in our area. He said there were 555 names that he did not recognize, either by Call, Club affiliation, etc. He said the plan would be to send a few extra copies each month or one mass mailing, to each of the people on the list. This way, by giving them each a copy of the Scope, we could introduce them to our Clubs. The Board all agreed that it was a very good idea.

A discussion took place regarding some of the problems there have been with the mailing list for the Scope. It seems that we are having many Scopes returned by the Post Office each month because of wrong addresses and many paid members are complaining that they aren't receiving their copies. It was decided that we should look into what it would take to get the mailing list and labels better organized to avoid the problems we have been having, and to save the Club money in the process. Therefore, Don/KB8RAD made a motion that we should investigate the situation, determine what options are available to us, and then do whatever is necessary to streamline (and make more efficient) the process of publishing and mailing the Scope. It was seconded by Bill/KB8TTS and approved.

Erv also told us that John LaRocke/K8XD has volunteered to work with Judd/KC8IRG, the "Under 22" Director in projects involving the young people. There will also be a new column in the Scope each month, devoted to the "Under 22" members and their interests.

A vote was taken to keep CMARC's checking account with Michigan National Bank, instead of going with a vote of a few months ago to change our account to Community First Bank. This will help Treasurer Joe/N8VYS, as

the closest Community First Bank to Joe (who lives in Leslie) is on S. Cedar in Lansing, and after Joe gets out of work the bank is closed. Joe made a motion to adjourn the meeting. The motion was seconded by John/N8LLC and approved. The meeting adjourned at 4:17 p.m.

Julie McLain/KB8ZXR-Secretary

LCDRA MINUTES

February 18, 1999

President Clint/KC8EHR brought the meeting to order at 7:37 p.m. Introductions were made around the room with 17 members in attendance. We had one visitor join our meeting and that was Tyler Head. Tyler is a 14 year old Dewitt High School Freshman and is studying to get his Technician license. He has been monitoring the 145.39 for some time and when he heard about the LCDRA meeting, he asked his mother Nancy if she would bring him. We all tried to make him feel welcome and invited him to CMARC's meetings, as well. (NOTE: On Feb. 25th the Sec./KB8ZXR received a call from Tyler. He had just returned home from Corunna where he passed his Novice and Technician written exams. He was walking on clouds and said he would be at the March CMARC meeting, hopefully with his new call. KB8RAD e-mailed several of the members from the LCDRA meeting and gave them the news along with Tyler's e-mail address, so they could also congratulate him.)

VANITY CALLS: Scott Newfer/KC8IIL is now W8SRN.

INTERESTING CONTACTS: Clint said he had talked to Honduras and Spain on 10 meters.

OLD BUSINESS: A motion was made by Don/N8XME to accept the Secretary's report as written in the Scope. It was seconded by Scott/W8SRN and approved. Don/WB8NUS read his Treasurer's report and a motion was made by Bernie/N8PVZ to accept it. The motion was seconded by Hal/WA8LAY and approved.

ATV Project: Clint said he had talked with both Kathy Schaffer and Tom Shaver (who is taking over for Kathy) in the Emergency Management Office in Lansing. Clint met with them on Feb. 2nd and they were both really excited about his idea of using ATV in working with the police and with Amateur Radio in general. They told Clint that FEMA has had, in the past, money set aside in the budget for radio equipment, and that they may cover everything needed for this ATV project. It will be a little while, however, before everything is up

LCDRA Minutes Con't

and running, as they want to get a committee of people together to work on this idea. One of the people they want to get involved is Chuck Bauer, the 911 Director. Clint has been trying to meet with Mr. Bauer regarding 911 access on our repeater, and will also address that issue when they meet on the ATV proposal. Two other people on the ATV committee will be the Fire Chief and the Fire Department's radio guru, who may possibly be a Ham. Hal suggested that since FEMA has money allocated for radio equipment, the Delta Twp. Fire Dept. has equipment (belonging to the City of Lansing) that needs to be modified so they can access our repeaters, now that we have PL tones on them. Clint will ask Tom if he will cover the expenses for these needed changes as well.

911 Calls: Dan/W8BCI said that 911 could now be accessed on the 146.70 repeater. A few things to remember when using 911 are (A.) Be sure to tell the 911 operators accurately where you and the emergency are located. Pay attention to your surroundings, street signs, mile markers, etc. (B.) Remember that there are a lot of streets with the same name, so be sure to specify "North, South, East or West", and if it's a "Street", "Avenue", or "Road". (C.) If you are on the outskirts of town, be sure to push your keypad buttons slowly and deliberately or you won't get through.

NEW BUSINESS: Secretary's Resignation: Julie McLain/KB8ZXR regretfully turned in her resignation as LCDRA's secretary. A new secretary is greatly needed, so if you are interested please call Clint Hannahs/KC8EHR at (517) 882-1799. A vote to elect a replacement will be taken at the April meeting.

SCOPE VIAE-MAIL: Don/N8XME (LCDRA's V. Pres.) and John/N8LLC (CMARC's V. Pres.) have both volunteered to help Cary/KC8JKA with the collating and mailing of the Scope. This being the case, they brought before the LCDRA membership an idea that would save both Clubs some money, and would also help to bring them into the 21st Century. Their idea is to e-mail the Scope to those people who have e-mail and who usually, after reading the Scope, throw it away. Those choosing to receive the Scope via e-mail would receive it a lot faster and with color graphics! By sending some Scopes by e-mail, the Clubs would be saving money on the cost of extra paper, ink, and postage. A hard copy of the Scope will still be sent by "snail mail" to those who don't have e-mail capability, and to those who save or "pass on" their Scopes. Don and John will check with the Post Office to

determine whether we will save or lose money if we e-mail the Scope to some members vs. mailing it (with our bulk rate permit) to all members. They will report back to us at the next meeting. If you are interested in receiving your Scope via e-mail, please contact Don/N8XME or John/N8LLC. (Note: the Scope is also now available on CMARC's and LCDRA's web sites. CMARC's URL is www.qsl.net/cmARC/home.html and LCDRA's is www.qsl.net/lcdra/index.html)

Repeater Updates: Dan/W8BCI told us that he purchased the approved Cat-300 controller for the 146.94, and with the help of Don/N8XME and John/N8LLC installed it at the Ingham Medical site. Dan said they removed our "old" 146.94 repeater and put the Micor we were using for the 146.94 Link online. (NOTE: the Link is now on the Onondaga WILX-TV 10 tower and is 145.47.) They also took the time to mount the pre-amp on the stand-by desktop Motorola and toned it with a 100 Hz PL. The new dial-up codes for the Cat-300 are: Dial "325" - and it disables the 100 Hz PL tone, dial it again and it enables it (if you forget to enable it again when you are finished, however, it enables itself automatically). By dialing "400" - you will get the time. When dialing "70001" - you will hear a long ID announcement, and dialing "70002" - you will hear a short ID.

While the guys were at the Ingham Medical site, they also checked on the 146.70 (which had been down), and rebooted it. Dan said he thought that possibly some static had interrupted the Cat-300, causing it to shut down. Dan also said he installed cooling fans on the 146.70 and 146.94 to keep them from overheating, and this seems to be working well. Dan also returned some cans and other equipment to the IRA that belonged to them, and we weren't using.

Dan asked the LCDRA membership if they would approve \$50 for repairs needed on some of his test equipment, since he uses it in his capacity as a member of the Technical Committee. A motion was made to that effect by Don/W8BQD, seconded by Scott/W8SRN and approved by all.

Free Tone Boards: No one has, as of yet, contacted Dan to have a free tone board put in their radio. Dan said he has some boards available, at no cost, and is willing to put them in for you, also at no cost! If you would like your older rig upgraded with a tone board, now that we have voted to have PL tones on the repeaters... please contact Dan Harger/W8BCI. If you don't take the time to contact him, then there will be absolutely no room for complaints about the repeaters being toned!

Next LCDRA Meeting: The next meeting will

be on April 15th at 7:30 p.m. The June meeting will be held on June 10th, as the meeting room will not be available on the third Thursday.

Don/WB8NUS made a motion to adjourn the meeting. John/AA8LF seconded it and the meeting adjourned at 8:45 p.m.

Julie McLain/KB8ZXR-Secretary

APRIL LCDRA MEETING

The next bimonthly meeting of the Lansing Civil Defense Repeater Association will be held on Thursday, April 15th at 7:30 p.m. We will be meeting at the usual place, which is the Meridian Charter Township Service Center, 2100 Gaylord C. Smith Court in Okemos. For further directions monitor the 145.39 on the night of the meeting. We will also be electing a new Secretary, as Julie/KB8ZXR resigned at the February meeting. If interested in running for this position, please contact the LCDRA President, Clint Hannahs/KC8EHR at (517) 882-1799.

NOTE: The June meeting will be held one week earlier, on Thursday, June 10th, as the room will not be available on our regular Thursday. -KB8ZXR

COMPUTER WORDS

BY WA8LAY

Word list



ADAPTER	INTERRUPT
AUDIO	MIDI
BUGS	MOTHER
CABLES	READING
COMMAND	RECONFIGURE
COMPORT	SUPPRESSOR
CONFIG.SYS	SURGE
DEFRAG	SWITCHES
DIAGNOSIS	SYSTEM
DOS	UPGRADE
FILES	VERSION
HOTKEY	

VE EXAM RESULTS:

50% SUCCESS!

Our second VE testing session of 1999 saw a turnout of 10 examinees, 5 of which passed those elements they were taking. Of the 5 successful examinees, 3 became new Amateurs as Technicians. They were Garry Watson, John Overhouse and Chuck Cullimore. The other 2 passing examinees were Rodney Ball/KC8HGF who upgraded to Tech plus, and George Benson/KC8JBZ who upgraded to Advanced. Congratulations on a job well done! The Volunteer Examiners who conducted the examinations were Larry Nordeen/N8VEN (Liaison), Gus Kouklis/K8KU, Roy Uchigashima/N8GAQ, and Don McLain/KB8RAD. Thanks, guys, for volunteering your time!-KB8ZXR

APPLAUSE!



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

April

Birthday & Anniversaries

April 2nd - Jeff Oberg/KB8SXX's 50th (?) Bday!

April 4th - Beverly Blakeslee's 63rd Bday!

April 9th - Erv Bates/W8ERV's 34th Bday!

April 18th - Ron St. Laurent/ND5S' 51st Bday!

April 22nd - Ken Hull/WR8S' 81st Bday!

April 29th - Don Cote/KD8BD's 70th Bday!

145.390 Net Format

Preamble: *Welcome to the Central Michigan Information Net. This net is held each Sunday evening at 8:30pm on this frequency and is held for the purpose of sharing information and to promote goodwill between Amateurs. This is _____, and I will be your Net Control Operator for this evening. All Amateurs are welcome to join in and we ask that all comments and questions be directed to Net Control. Also, please bring your callsign slowly so we may accurately copy them.*

At this time, we are accepting check-ins which are mobile or short time. Mobile and Short Timers, please call Net Control. (note calls here)

At this time, we are accepting all regular check-ins... please call Net Control. (note calls here)

Announcements: * (check current Scope for announcements & QST for upcoming swaps, Contesting & Other Amateur interests.

* Central Michigan Amateur Radio Club meetings are held the first Friday of each month at the Red Cross, located on Grand River in Lansing. If you need directions, contact any Club member on this repeater.

*The 5.39 breakfast is held on the first Saturday of each month at Theio's on N. East St. at Lake Lansing Rd. in Lansing. Breakfast starts between 7:30am and 8am.

* QCWA net is held on Tuesday evenings on the 146.700 machine, beginning at 8pm. and they hold their breakfast on the last Saturday of each month at Theio's on N. East St. at Lake Lansing Rd. in Lansing, beginning at 8am.

Closing: At this time, we would like to thank all who took part in the Central Michigan Information Net and invite you back for the next week's as well. We will now return the repeater to general Amateur radio use and Good Night.

This is _____ now signing clear.

Show Your Support in Amateur Radio And Join Today! CMARC & LCDRA

Join Today!

CENTRAL MICHIGAN AMATEUR RADIO CLUB, INC.

As a licensed Amateur, you can **sign up today** as a 'Full Member'. As a full member of 'CMARC', you will receive voting rights and yearly subscription to "The Scope". "The Scope" is filled with club news, special interests and events.

Sign up today as an 'Associate Member' your membership includes a yearly subscription to the "The Scope" (*No voting rights as an 'Associate Member'*).

Name:		Call:
Address:		City: State:
Zip Code:	Phone No.:	Class:
ARRL:	Your Birthday	Your Wedding Anniversary

Full Membership* - \$10. per year Associate Membership - \$5. per year
* You MUST be a licensed 'Amateur' to obtain 'Full Membership'

Mail your check or money order to:
John Ingraham-NG8L, Membership Chairman
2807 Greenbrair Ave.; Lansing, MI 48912

Join Today!

LANSING CIVIL DEFENCE REPEATER ASSOCIATION

As a licensed Amateur, you can **sign up today** for only \$15. As a member of 'LCDRA', you will receive a yearly subscription to "The Scope". "The Scope" is filled with club news, special interests and events.

Sign up today! Use of the repeaters does not require a membership, but your support will be greatly appreciated.

Name:		Call:
Address:		City: State:
Zip Code:	Phone No.:	Class:
ARRL:	Your Birthday	Your Wedding Anniversary

LCDRA Membership - \$15. per year (add a family member at \$7.50 per person)
(Dues cover your annual membership from January to January)

Mail your check or money order to:
LCDRA
P.O. Box 80106; Lansing, MI 48908



Happy Easter

from all of us at
CMARC & LCDRA

Happy April Fools Too!

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

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 1927

