



Central Michigan Amateur Radio Club

THE SCOPE



Lansing Civil Defense Repeater Association

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

LADIES NIGHT/AWARD BANQUET

There were 33 of us who attended the Ladies Night/Award Banquet on Friday, May 7th, which turned out to be a truly wonderful evening! The food was delicious, the flowers were beautiful, and the entertainment ("Zubrick Magic & Illusion" — hatncane@aol.com) had us all amazed and laughing. Sixteen year old Chris Zubrick even got some of us in on his tricks, which really made the REST of us laugh, and be grateful that we weren't chosen!

I would like to take this opportunity to thank two very special people who have helped me in the 4 years that I have been working on the Ladies Night Banquet, whose efforts and suggestions I could not have done without. Both are truly appreciated, and that from the bottom of my heart! They are Don Rickerd/W8BQD, who has hunted down and booked the wonderful entertainment that we have had, and Don Tillitson/WB8NUS, who has corralled his Daughter into planting and nurturing the flowers that each Lady (and our Servers) take home with them. Thank you both for all of your help!!

Don Cote/KD8BD (1995 recipient) presented the 1998 Ziegenbein Award, and believe me when I say that I was TOTALLY shocked to hear the name of the winner!! In his presentation speech, Don referred to "this member" and "this person", but when he said "she has been the Secretary of CMARC...", I suddenly realized that he was talking about me. I have never in my whole life been as shocked as I was when Don read my name! I want to thank all of you who nominated me for this great honor, and to especially thank the Club for putting up with me as Secretary for the past 31/2 years. (*) It has truly been a pleasure working for you, and with you, and I have enjoyed every minute of it. Many of you have become very dear to my heart, and the ONLY reason I have done what I have as your Secretary, is because I love you all and CMARC so very much. Saying "Thank You" for this very prestigious award just doesn't seem enough, and I can't begin to let you all know how very honored and humbled I am to receive it. It has truly been a great blessing to me. Your grateful servant,

Julie McLain/KB8ZXR-Secretary

(*) I also want to thank my best friend and husband, Don/KB8RAD, for all the many, many hours he has spent proof

reading and editing my submissions to the Scope. I also want to thank him for the enthusiasm and encouragement he has given to me in the past 31/2 years that I have spent as both CMARC's and LCDRA's Secretary. Thank you, Don, for all your help and support. You are the BEST!!



ZIEGENBEIN AWARD 1998

The recipient of this year's Ziegenbein Award has been an ambassador for the Club, representing both existing members and prospective members. This person has set an excellent example of what a relative new member can do, not only for the club, but for Amateur Radio in general.

This member played a key role in the success of 1997 & 1998 Ham Fair, working many hours behind the scenes to pull it all together. She has been the Secretary for both CMARC & LCDRA for some years, helping to keep order using common sense, decency and good humor.

She is representative of the active member that Ralph Ziegenbein so typified. It is with pleasure that I announce that this year's winner of the Award is Julie McLain-KB8ZXR. Well done, thou good and faithful servant!

Award Committee: Don Cote-KD8BD, Roy Uchigashima-N8GAQ, Don Devendorf-W8EIG* (*In place of Pete Elrod-N8EST, SK)

National Ham News

ARRL TO CELEBRATE 85TH ANNIVERSARY ON THE AIR

The ARRL celebrates its 85th anniversary May 18, 1999. To mark the event, Maxim Memorial Station W1AW will operate as special event station W1AW/85 during the week of May 17-23. Some W1AW/85 operation will include PSK31. The American Radio Relay League was founded in 1914 by Hiram Percy Maxim, later 1AW, and Clarence Tuska, later 1AY.

It was Maxim's desire to send an inquiry about a hard-to-get receiving tube—a deForest audion—from Hartford, Connecticut, to Springfield, Massachusetts, that served as the catalyst for the League's birth in 1914. After conditions prevented him from working Springfield directly, he arranged with a station between the two cities to relay his message. Initially working with Tuska through the Radio Club of Hartford—which had voted to take over development of a national “relay” organization—Maxim's vision for the League became reality in May of that year. Initial dues were free. By late summer, more than 200 “relay stations” had been appointed across the US, although the first edition of QST—16 pages in all—did not appear until December 1915.

“Our celebration of the League's 85th anniversary would please our founders in two ways,” said ARRL Executive Vice President David Sumner, K1ZZ. “First, we are celebrating with on-the-air activity—the organization, promotion, and protection of which was why they went to the trouble of creating the League in the first place. Second, just as they did in the exciting early years, we are looking forward by emphasizing new methods of radio communication.”

By coincidence, the League's anniversary celebration begins on World Telecommunication Day, May 17 (see below).

ARRL President Rod Stafford, W6ROD, encouraged participation from all segments of the Amateur Radio community. “We hope everyone, member and nonmember alike, will join in celebrating the League's first 85 years and the beginning of the next 85,” he said.

Volunteer staff members will handle on-the-air duties at W1AW/85, which will take place before and after regular daily W1AW transmissions. Plans call for W1AW/85 to operate 160-10 meters plus 6 and 2 meters and 70 cm, 25 kHz inside subbands on CW, plus SSB, RTTY, PSK31, SSTV, satellite, Novice bands, etc. Additionally, W1AW/85 will transmit bulletins using PSK31 as a secondary digital mode (time permitting) for the last digital bulletin of each day that week.

A special QSL will be available. Make ARRL's 85th anniversary special by working W1AW/85!—thanks to Joe Carcia, NJ1Q
- *ARRL Newsletter May 14, 1999*

ARMED FORCES DAY AMATEUR COMMUNICATIONS TESTS

The Department of Defense Armed Forces and US Coast Guard will cosponsor the 50th annual Amateur Radio communications tests in celebration of Armed Forces Day, Saturday, May 15. The celebration features the traditional military-to-amateur crossband communications test and message receiving test. This is one of the only exceptions to the FCC's prohibition on contacting nonamateur stations.

Military-to-amateur cross band operations will take place from 1300 UTC May 15 until 1300 UTC May 16, 1999. All modes will be included. Some stations may not operate the entire period, depending on propagation and manning. Participating military stations will transmit on selected military frequencies—many of them adjacent to amateur bands—and listen for Amateur Radio stations in the nearest amateur band. Military operators will announce the specific amateur band frequency being monitored. Contact may last no longer than three minutes. Military stations will send QSL cards for contacts.

Special commemorative certificates will be awarded to anyone who receives and accurately copies the Armed Forces Day digital message from the Secretary of Defense.

Digital modes message broadcast will be May 16 (RTTY, 100 wpm, narrow shift) and May 17 (PACTOR and AMTOR). A 10-minute call for tuning purposes will precede each broadcast. Transcripts of the RTTY, PACTOR, or AMTOR receiving test should be submitted “as received.” No attempt should be made to correct possible transmission errors. On the paper containing the test message, include the time, frequency and call sign of the military station copied, including name, call sign, and address (including ZIP code) of individual submitting the entry. Ensure this information is placed.

Details on Armed Forces Day are available in the May 1999 issue of QST, page 97. Disregard the information on AIR-2. -
ARRL Newsletter May 14, 1999

ARISS READIES HAM ANTENNAS FOR SPACE

There's been recent forward progress in activities to establish a permanent Amateur Radio presence in space aboard the International Space Station. Training models—or “mockups”—have been prepared of the antennas that eventually will be deployed for Amateur Radio on the International Space Station, and pattern testing is under way on some antenna systems. Four flight antenna systems are being developed to support Amateur Radio operation from the ISS on 20, 15, 10, and 2 meters, plus 70 cm, L-band and S-band. “The ARISS international team has made tremendous progress on the design, development and flight qualification of an antenna system,” ARISS Administrative Chairman Frank Bauer, KA3HDO, said this week.

The antenna system being developed for ISS includes a dualband VHF/UHF antenna, a multiband microwave antenna, and a diplexer mounted on a plate that attaches to an extra vehicular activity handrail clamping device. These four antenna systems will attach to four bulkhead Service Module feedthroughs, made available to the ARISS international team through the efforts of Sergej Sambourov, RV3DR. Russian space officials said this week that Russia will not pull out of its ISS commitments because of that country's opposition to the NATO campaign in Yugoslavia.

The VHF/UHF and HF antennas were developed by the ARISS team members in the US. They use a flexible measuring tape covered with yellow Kapton as the driven element. A large circular piece of Delrin provides a solid mounting interface and houses the connector and attachment hardware. The design is very robust and has no sharp edges. The microwave antenna system, developed by the Italian ARISS team, will support L-band and S-band operation.

The microwave antenna design chosen by the ARISS team is a flat spiral antenna. This dual-use antenna—intended for ham operations as well as NASA/Energia use—also enables the ISS crew to transmit and receive local video during space walks. A diplexer, designed and developed by the Italian team, provides an efficient split in radio signals between the lower frequency (HF/VHF/UHF) antenna and the microwave antenna. The antennas, diplexer, EVA “clothespin-type” handrail clamp, and the various coaxial cable connections will be integrated in the US on an antenna system plate developed by the US team, Bauer said.

The four antenna systems being developed for flight will be installed around the perimeter of the Russian developed Service Module, which will serve as an orbiting outpost for the ISS crew. A “high fidelity” EVA mockup developed by the AMSAT-NA/Goddard Amateur Radio Club team in Washington, DC, has been delivered to Matt Bordelon, KC5BTL, in Houston for evaluation by the NASA Johnson Space Center EVA engineers.

The microwave antenna system is currently undergoing a series of antenna pattern measurements at the NASA Goddard

Space Flight Center in Greenbelt, Maryland. Former US astronaut and AMSAT member Ron Parise, WA4SIR, is leading a team of hams from Goddard's Microwave Branch in the test activity. Once antenna testing is completed, the Italian team, led by Fabrizio Bernadini, I0QIT, will move ahead with the final flight antenna fabrication. All Amateur Radio initial station hardware is slated for launch on the STS-101 mission. - *ARRL Newsletter May 14, 1999*

TEXAS ANTENNA BILL SIGNED INTO LAW

Months of hard work by amateurs in the Lone Star State paid off Monday when Texas Gov George W. Bush signed into law a bill to incorporate the limited federal preemption, PRB-1, into state law.

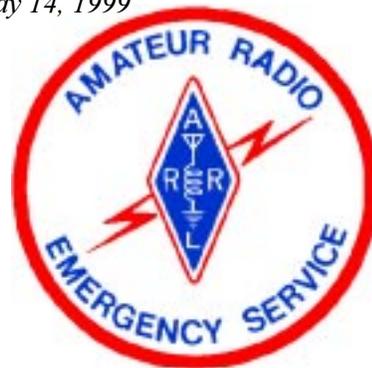
The new law, which becomes effective upon the Governor's signature, amends the Local Government Code in Texas to prevent local jurisdictions from enacting or enforcing ordinances that fail to comply with PRB-1. The bill further would require ordinances dealing with Amateur Radio antenna placement, screening, or height based on health, safety or aesthetics to “reasonably accommodate amateur communications” and “represent the minimal practicable regulation to accomplish the municipality's or county's legitimate purpose.”

Because of an amendment added during the legislative process, the new Texas law does not prohibit localities from taking action to protect historic or architectural districts.

HB 1345 was introduced in March by State Rep Patricia Gray at the request of Karl Silverman, N0WWK, president of the Johnson Space Center Amateur Radio Club. Silverman became the prime mover behind HB 1345, often exhorting Texas hams via e-mail to appear for hearings or to write lawmakers and the governor to support the measure.

Silverman was ecstatic about the outcome. “The most difficult part of the legislative process was the coordination, as the process went much faster than anyone could have possibly anticipated,” he said, conceding some difficulty in getting hams to write in support. “People just don't realize how much power they have when they do write,” he said.

Hams in several other states also are contemplating measures to incorporate PRB-1 into their states' laws. A PRB-1 measure already has been introduced into the Maine legislature. - *ARRL Newsletter May 14, 1999*



Local & Special Interest News

Ham Radio Alive and Well

ANN ARBOR-You can see the excitement rise up in Jim Wades as he spins the various controls on the stack of radio equipment that fills the spare bedroom of his Ypsilanti Township home.

Frustrated by an inability to reach anyone, he scrambles along the dial, issuing the plea that amateur radio operators have used for generations to find someone to talk to.

"CQ...CQ...CQ," Wades repeats at each frequency he tries. The code, radio jargon for "seek you," is a sort of rallying cry for amateur radio buffs, a way to find other hams lurking out there on the airwaves.

Eventually, over a din of fuzz, a voice emerges-faintly but distinctly-snapping Wades to attention and bringing the microphone to his mouth.

Within seconds, Wades is deep in conversation with two retirees in Arizona and Florida, chatting amicably about the technical merits of one another's transceivers and antennas.

Welcome to the worldwide world of ham radio. And don't try telling Wades or the other 600,000 or so amateur radio enthusiasts out there that their time has come and gone.

Generations before tens of millions of neo-techies discovered chat rooms and instant messages on the Internet, old-school techies like Wades were bouncing short-wave radio frequencies off the ionosphere, connecting with like-minded radiophiles worldwide.

"It never ceases to amaze me," said Wades, 38, an electrical engineer who has been a ham since his early teens. "With the amount of power it takes to flash a bulb, I can send a message to New Zealand and receive one back.

"You can't do that on the Internet."

Like many hams, Wades got caught up in amateur radio early in his life. An old military chum of his father's was an avid ham, who lived to keep tabs on his old combat pals via the radio he had set up in his garage.

By age 12, Wades had built his first radio and earned his basic operator's license from the Federal Communications Commission.

"I thought it was really cool that you could talk to people all over the world like that," he said, looking around at the thousands of dollars worth of equipment stacked up in his radio "shack".

"I decided it was a cool hobby, and look at me now. It's just further evidence that it's dangerous what you expose your children to."

Rane Curl, a University of Michigan chemical engineer, got his first taste of amateur radio as a child, receiving his first amateur license in made it our own."

Since that time, amateur radio has grown to include voice communication as well as computer links, which allows data to be broadcast via radio waves to teletype machines.

In spite of the emerging technology, the basics of amateur radio remain relatively inexpensive. A basic transceiver and antenna array can be purchased and installed for about \$200, which is enough to get a beginning ham started.

Even though amateur radio is just that-amateur-the hobby is regulated by the FCC, which requires that operators maintain licenses. The FCC also requires that hams use their skills for the greater good, muck like it requires commercial radio to broadcast public service announcements.

As such, amateur radio operators enjoy a long tradition of public ser-

vice activities ranging from the mundane to the heroic.

For instance, the Michigan Net, a ham network managed by Wades, transmits daily rainfall data from across Michigan to the National Weather Service. In addition, the network regularly delivers messages to overseas soldiers from their families back home.

Forty-six years later, after many years away from the hobby in favor of computers and the Internet, Curl has returned to his initial communications passion.

Curl is active with the Arrow Club, a loose federation of hams in south-eastern Michigan. The club operates a system of FM-frequency "repeater" transceivers, which allow enthusiasts to communicate with one another via hand-held devices they carry with them throughout the region.

The club also administers FCC licensing exams and holds periodic meetings on matters of interest to amateur radio enthusiasts.

Amateur radio dates back to the early days of broadcasting. Most of the early practitioners were wire telegraphers, whose Morse code dispatches were used to send telegrams for the railroad industry.

When telegraphers started using Morse code for personal correspondence on homemade transceivers over broadcast frequencies, amateur radio was born.

As for the term "ham," Wade said it was born of a derogatory word telegraphers used for those who were less than facile with Morse code.

"A crummy operator was someone who didn't know how to use the code," he said. "Over the years, we've just kind of adopted it and made it our own." (Reprinted with thanks to the Lansing State Journal 4-25-99-Associated Press)

HAVING PROBLEMS WITH THE LINK?

IT'S COME TO OUR ATTENTION THAT LOCAL HAMS ARE HAVING TROUBLE GETTING INTO THE LINK NOW THAT IT HAS BEEN RELOCATED TO THE 145.47 IN ONONDAGA. IF YOU ARE HAVING PROBLEMS OR CONCERNS WITH THE COVERAGE NOW THAT LINK IS NOT ON THE 146.94, PLEASE CONTACT LCDRA BY: (1) ATTENDING OUR NEXT MEETING ON JUNE 10, 1999 WHERE THE ISSUE WILL BE DISCUSSED; (2) E-MAIL DON/N8XME AT don1957@earthlink.net; or (3) MAIL A LETTER OUTLINING YOUR PROBLEM OR CONCERN TO LCDRA, P.O. BOX 80106, LANSING, MI 48908. ALL COMMENTS AND SUGGESTIONS ARE WELCOMED!

Are You Paid Up?

Please check the mailing label on this issue of your SCOPE. If it reads R98, C98 or A98 this may be your final issue of our club's news letter. Dues were due the first of the year for both CMARC and LCDRA and we now have reached the cutoff date for our mailing list.

It costs us nearly forty cents per issue to publish and mail each news letter so we can not continue to send news letters to members who have not paid their dues for 1999.

March Of Dimes Walk Detoured

Parts of the April 24th. Mother's Walk of Dimes were Scheduled to be on the River Walk but had to be detoured due to high water. Despite this minor problem, and the fact that it was rather cold, the March of Dimes was very successful.

Members of the Lansing's React team joined CMARC members this year in providing coordination with communications, thus gaining practice in public service communications.

An excellent ARES turnout, again headed by Assistant Emergency Coordinator Don Tillitson-WB8NUS, enjoyed the sunny day and gained operating practice. Those participating included: Bill Cote-WD8NYW, Forrest Clark-N8WPD, Hal Bell-WA8LAY, Dave Gardner-N8SHR, Don Rickerd-N8BQD, Jaymes Kenyon-KC8DJH, Pam Denomme-KB8PSF, Paul Carpenter III-KB8YQW & Jan Bradfield-KC8BFB.

M.S. Walk Very Successful

Twelve CMARC & ARES members donated several hours of their time to furnish communications for the MS Walk on April 15th. Weather was much better than forecasted and despite being a bit cool, a fair turnout of "Walkers" participated. Operators practising their communications skills included Net Control, Don Tillitson-WB8NUS and: Jim Crisp-WB8VIC, Bernie Gaffney-N8PVZ, Roy Uchigashima-N8GAQ, Jeremy Severy-KC8EIA, Forrest Clark-N8WPD, Chuck Keep Sr.-W8CLK, Don Rickerd-N8BQD, Joe Denomme-N8VYS, Pam Denomme-KB8PSF, Paul Carpenter III-KB8YQW & Don Hill-KB8HZJ.

HAM FAIR PLANNING MEETINGS

The McCall Room of the Red Cross has been reserved for the following dates, so that we may get together and plan for the upcoming Ham Fair in October. We are really hoping to have a good swap this year, and in order to do so we need as many volunteers as possible. The meetings should only run about an hour or so and we would really love to hear your ideas. There always seems to be a lot of grumbling behind the scenes or after the swap each year about how things should be or should have been done "this way" or "that way". It's easy to be an "armchair General" or a "Monday morning quarterback", but they never accomplish anything. Instead of just grumbling, why not attend these meetings and give us your input up front, and NOW! The next planning meeting will be held on Sunday, May 23 at 2 p.m., so please plan on attending! The other dates are: Sunday, August 29th at 2 p.m.; Sunday, September 19th at 2 p.m.; and Sunday, October 3rd at 2 p.m. Please bring your ideas, and be willing to make Ham Fair 1999 a big success. And remember, we can especially use your TIME, MUSCLES, and SMILING FACES on Sunday, October 10th!!

Julie McLain/KB8ZXR-Secretary

Central Michigan Amateur Radio Club Treasurer's Report

Account Balances as of April 9, 1999

ASSETS:

Cash & Bank Accounts	
Mich. Nat'l Bank Checking	\$1495.84
USPS Postal Deposit	<u>\$229.09</u>
TOTAL Cash & Bank Accounts	\$1,724.93
Other Assets	
Comerica Bank CD	<u>\$1,291.53</u>
TOTAL ASSETS:	\$3016.46
LIABILITIES:	\$0.00
TOTAL NET WORTH:	\$3016.46

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

INCOME

Coffee Fund	\$16.29
Dues	\$160.00
LCDRA	<u>\$752.23</u>
TOTAL INCOME:	\$928.52

EXPENSES:

SCOPE Mailing	\$52.81
Dave Humphreys-Postage	\$22.04
Jim Bates-Hamfair Flyer Supplies	\$89.01
QSL Cards & Postage	\$26.32
Julie McLain-Savings Bond (in Memory of Linda McNease)	\$25.00
Service Charges	<u>\$31.98</u>
TOTAL EXPENSES	\$247.16
TOTAL NET INCOME	\$681.36

Respectfully Submitted,

Joseph Denomme-N8VYS, Treasurer

June

Birthday & Anniversaries

June 3 - Dick Pennington/W8SFA's 77th Bday!

June 6 - Don Hill/KB8HZJ's 54th Bday!

June 6 - Bill/KA8TPQ and Becky Anderson's 19th Anniv.!

June 6 - Don/W8BQD and Hazel/K8KSX Rickerd's 51st Anniv.!

June 8 - Bob Strobel/KB8DDQ's 58th Bday!

June 12 - Dutch Weidlich/KC8CLI's 56th Bday!

June 14 - Russ Fitzgerald/N8FZ and Wife's Anniv.!

June 16 - Dan Hicks Jr./W8MMQ's 22nd Bday!

June 18 - Mike Perez/N8OUN's 42nd Bday!

June 26 - Roxie Hannahs/KC8GAK's 29th Bday!

[There was a May Anniversary "omission" (oops!) - May 16 was my parents-in-law (Associate Members) Neil and Doris McLain's 51st Anniversary! Congratulations, Mom and Dad!]

Julie McLain/KB8ZXR-Secretary

Classifieds & Special Announcements

Lansing V.E. Test Dates

Testing is held at the Lansing America Red Cross, in the Kropschot Room
at 1800 E. Grand River; Lansing, MI 48909

Pre-registration starts at 9:30am and testing starts at 10:00am for the following dates:
Mar 13, May 8, July 10, Sept. 11 & Nov 13, 1999

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

For Sale

Kenwood TM-V7A Like New w/Box and
Manual. Asking \$375.

Astron 20amp Power Supply. Good Shape.
Asking \$75.

Call: Cary-KC8JKA at
(517) 482-8048 or Email: KC8JKA@att.net

REMINDER

LCDRA'S NEXT MEETING WILL BE AT 7:30 P.M. ON
JUNE 10TH, NOT JUNE 17TH. THE MEETING WILL
STILL BE HELD AT THE MERIDIAN TOWNSHIP SER-
VICE CENTER LOCATED AT 2100 GAYLORD C
SMITH COURT IN OKEMOS. WE HAD TO CHANGE
THE DATE TO USE THE BUILDING! SEE YOU
THERE!

For Sale

Cushcraft eleven element 2 meter beam new hard-
ware excellent condition looking for \$50.00 best
offer will consider trades. Call John at 393-2336
or email at jwc@voyager.net

1999 CMARC MEETING DATES

June 4th - Field Day discussion, **July 9th, Au-
gust 6th, September 10th, October 1st, Novem-
ber 5th** - Nominations, **December 3rd** - Elec-
tion of officers

For Sale

Icom 751, 3000watt Dentron Antenna Tuner
MT2000A, 3 element Mosely TA-33M Tri-
Band Beam, Coax-Ant SW3, Yaesu
G1000Antenna Rotator SDX, 40' Steel Tower,
Heathkit Low Band Amplifier.

All reasonable offers considered. Call George
Stark-KA8UAI Ph.: (517) 321-7961

LCDRA Meeting

April 22, 1999

Clint/KC8EHR called the meeting to order at 7:35 p.m. The
following officers were present: Clint, Julie/KB8ZXR, Don/
N8XME, and Hal/WA8LAY. Don/WB8NUS and Don/
KB8RAD were both excused. The following members also
attended the meeting: Dennis/KB8ZQZ, Don/W8BQD, Scott/
W8SRN, Jeff/KB8SXX, John/N8LLC, Roxie/KC8GAK, Ha-
zel/K8KSX, Bernie/N8PVZ, Ralph/N8YQJ, Jim/KA8DDQ,
and Garry/KC8MAD. Additionally, Hal's wife Betty joined
us as our guest.

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: Joe Denomme-N8VYS ph: (517) 589-5263
Dir: Don McLain-KB8RAD ph: (517) 694-0812
Dir: Bill Mathews-KB8TTS ph: (517) 394-1198
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 Clark-N8XME ph: (517) 669-4586
Sec: ??????????
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

First on the agenda, Clint gave the following report from Dan/W8BCI concerning the CAT-300 for the 145.39 repeater: (1) the CAT-300 was still in the hands of Jeff; (2) LCDRA has paid Dan for the equipment already; (3) Dan has not been able to work on the installation of the CAT-300 as he has been busy with the upgrade of the 146.94; (4) Dan will give the CAT-300 to Jim/KA8DDQ with a plate on it so Jim can install it on the 145.39; (5) Dan had been able to purchase a MICOR stand-by power supply for \$50. As a result, all the 145.39, the 145.47, and 146.94 will now have stand-by power supplies, and the 146.70 will still use its 12-volt power supply; (6) the CAT-300 for the 145.39 still does not have a PL decoder. However, Jeff vehemently denied that he had been paid for the CAT-300 and asked Clint to check with Don/WB8NUS to confirm this fact. Clint will check with Don on the status of the payment. Regarding the decoder, it was agreed that Dan should obtain one as soon

as possible to complete the agreement to PL the local repeaters.

Clint informed the association that the National Weather Service would no longer be using the Link for the weather-reporting net, but would instead use 145.47 (PL 94.8) located in Lowell and the 147.26 located in Grand Rapids. Clint heard that this change was made because the IRA did not want the net to interfere with its Newslines and club announcements done every Monday at 8:00 p.m. However, according to Dan, Abe did not believe that this was the problem and would ensure that the problem would be corrected.

John stated that RACES would like to use the 145.39 as its VHF repeater in the event that an emergency is declared in the Ingham County area. John also stated that the local RACES organization is trying to modernize. For example, the County is intending to install new antennas and radios at the Sheriff's Department in Mason. Additionally, John said that RACES will even try to hold some drills this summer. As a result, John/N8LLC moved the association to allow

RACES to designate the 145.39 as its primary, emergency-VHF frequency and Dennis/KB8ZQZ seconded the motion. Motion carried unanimously.

Clint informed the association that Julie would be retiring as the association's secretary and asked someone to volunteer to replace the irreplaceable. Clint stated that the opening had been advertised in the Scope as required by the bylaws. Scott volunteered to attempt the feat. Jim/KA8DDQ moved that the association elect Scott to replace Julie, and John/N8LLC seconded the motion. Motion carried unanimously.

Clint shared the news with the association that Tom Shaver, manager of the Ingham County emergency management office, will test for a license on May 8th. Tom wants to have an amateur license so he can easily communicate with his volunteers when an emergency occurs. Clint also said that the EM office will be purchasing a new radio for Tom.

John reported that he has been unable to

raise the 145.47 from his house when he uses his HT. It was agreed that the association intended the coverage from Onondaga to be as good as it was when the Link was located in Lansing on the 146.94. As a result, it was decided that the association would put a note in the next SCOPE that anyone having problems with raising the 145.47 should let us know by either: (1) attending our next meeting on June 10th where the matter would be discussed; (2) E-mail Don/N8XME at don1957@earthlink.net; or (2) write the association at its address.

Julie, in Don/WB8NUS' absence, gave the following treasurer's report: (1) receipts of \$475.14; (2) expenditures of \$917.65; (3) a checking account balance of \$8,567.67; (4) \$66.60 in cash on hand; and (5) total balance of \$8,634.27. Don/N8XME moved to accept the report, and Scott/W8SRN seconded. Motion carried unanimously.

Julie, again on Don/WB8NUS' behalf, reported that the association needed to order more membership cards. Don found that 1000 perforated, business-size cards would cost \$156.60. Jeff/KB8SXX moved that we purchased the requested cards, and John/N8LLC seconded. The motion was unanimously passed.

Julie stated that Don/WB8NUS found that only 92 out of LCDRA's 139 members have paid their dues, which is the worst in recent memory. As a result, the association agreed that we would warn the delinquent members that they would not receive any more copies of the SCOPE if they have not paid their dues by June. It was agreed that this warning would be placed in the next SCOPE.

Regarding the secretary's report, Bernie/N8PVZ moved that we accept the report as printed in the SCOPE, and Don/W8BQD seconded. Again, the motion carried.

Last, but not least, Bernie/N8PVZ moved to adjourn the meeting, and Hal/WA8LAY seconded. No surprise, the motion carried.

For Your Consideration...

Ralph Ziegenbein was known to local CMARC members and Amateurs all over the Greater Lansing area as, "Mr. Ham Radio". His attitude exemplified the true Spirit of Amateur Radio and when he became a Silent Key in 1960, the Club secured his callsign for their own AND they also began the grand tradition of honoring his memory by naming an annual award after him. The recipient each year is selected, from nomination letters, by the last three honorees. The main criteria is the nominees' contributions to the Club and Amateur Radio in general, during the last calendar year. The 1998 recipient of the Ziegenbein Award is Julie McLain and I wanted to take a moment to reflect on Julie's accomplishments. For Julie, it may be a bit uncomfortable, since her love for the Club is only surpassed by her humility, but let me tell you a bit about her anyway. I'm sure you'll discover, as we have, that CMARC is better because of Julie's work.

When I came to the CMARC Board in 1998, I knew little about the processes associated with our Board meetings and membership meetings. Julie was always there to lend a hand and lead me through the first few meetings. It was humorous at times, looking back to her for support, when I got stuck. She'd smile and tell me I forgot something and I'd be back on track. Funny thing is I still make mistakes and she's still there, too! But there is so much more!

According to past President, Chuck McNease (N8CM), Julie was the best friend he could have had, too. Chuck related stories of how Julie's dedication shined when something needed to be done. No, she never asked for recognition...in fact, many never knew how much time and effort this woman put into her "Secretarial" duties. Were it not for Julie the last couple years, much of what got done for HamFair would have been left for someone else. That has been Julie's trademark.

Ok, so she is only one of many Ziegenbein recipients. True enough, but it's her love for Amateur Radio and CMARC that comes through the best. She's been on CMARC's Board for over three years now and is considering a return for 2000 (if y'all want her), because of that love. When she had to decide upon ways to lighten her load, due to personal and health situations, she chose to stay with CMARC. That speaks volumes, doesn't it?

My hat's off to Julie. It's been an honor to serve with her these past 18 months and I hope to be 1/2 the Amateur she is, when all is said and done. Some people join and just come to meetings for several months or years, but she got in there with both feet and never cared about the depth. It's fun to watch her, isn't it? Between her and her husband of more than 25 years, Don (K8BRAD), these are two shining examples of Amateur Radio at its finest.

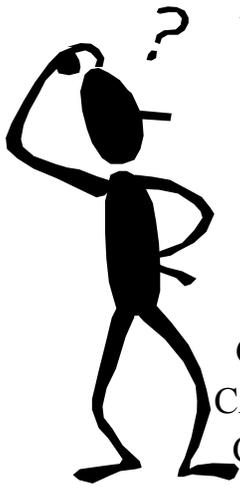
Congratulations, Julie!

73, Erv

HAM WORDS

BY WA8LAY

Word list



BRANCH	CHARTS
BRUSH	CIRCUITS
BUFFER	DATA
BUG	DIGITAL
BYPASS	DRIFT
BYTE	ENERGY
CABLE	FACTOR
CALLING	FORMULA
CAPACITOR	LOSSES
CARDOID	PILOT
CARRIER	SHIFT
	WORKING

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

Central Michigan Amateur Radio Club Treasurer's Report

Account Balances as of May 6, 1999

ASSETS:

Cash & Bank Accounts	
Mich. Nat'l Bank Checking	\$1,628.14
USPS Postal Deposit	<u>\$175.23</u>
TOTAL Cash & Bank Accounts	\$1,813.37
Other Assets	
Comerica Bank CD	<u>\$1,291.53</u>
TOTAL ASSETS:	\$3,104.90
LIABILITIES:	\$0.00
TOTAL NET WORTH:	\$3,104.90

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

INCOME

Coffee Fund	\$17.04
Dues	\$95.00
Directories	\$2.50
Ladies Night	<u>\$249.89</u>
TOTAL INCOME:	\$364.43

EXPENSES:

SCOPE Mailing	\$53.86
Flowers for Clifford Shorts	\$32.81
Cary Britten-Supplies	\$13.77
Staples-Supplies	\$111.84
George Wood-Refund (Ladies Night)	\$26.70
New Check Order	\$24.05
Service Charges	<u>\$12.96</u>
TOTAL EXPENSES	\$275.99
TOTAL NET INCOME	\$88.44

Respectfully Submitted,
Joseph Denomme-N8VYS, Treasurer



Field Day 99'

will feature something special and something new for the Under 22 group. Under 22 Director, Judd Gunderson (KC8IRG) and Youth Liaison, John LaRock (K8XD) plan to have a special Field Day setup at Camp Kiwanis this year.

All Under 22 members are invited and encouraged to come out and join in the fun as they tackle the HF bands during the weekend event. Look elsewhere in the SCOPE for date and times and if you are Under 22.....come on out and join us!

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:

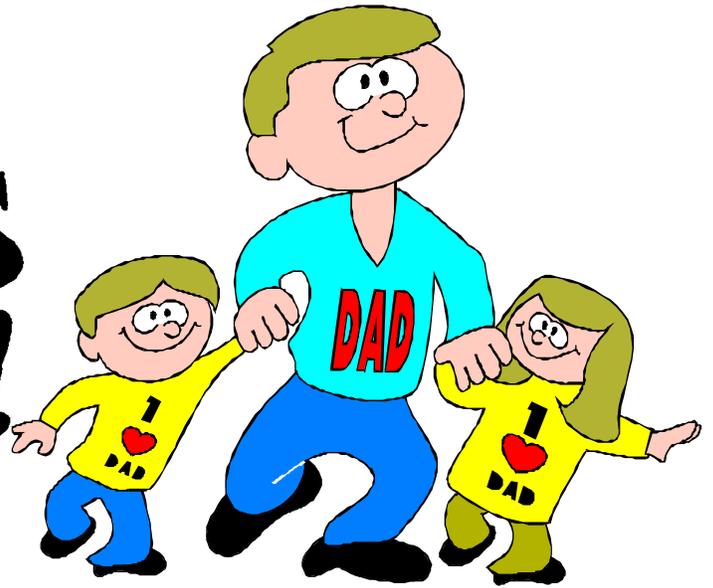
Your Wedding Anniversary:

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 Father's Day!



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

