



Central Michigan Amateur Radio Club

THE SCOPE



Lansing Civil Defense Repeater Association

www.qsl.net/cmarc Serving Our Community Since 1927 October 1998

SILENT KEY...

... KA8OBS

Rowena Elrod-KA8OBS, widow of Pete (Harry O.) Elrod-N8EST, and editor of *'The Scope'* for many years became a 'Silent Key' on Wednesday, September 9, 1998.

"Ro" was first licensed, and joined CMARC in 1981, "Ro" took over editorship of *'The Scope'* in the mid 1980's.

She was always ready to volunteer any club activities; Rowena and Pete for many years were the first to sign-up for participating in public service activities. Both "Ro" and Pete were recipients of the well deserved Ziebben Award.

"Thank you and 73" RO

... ..

..- - - -

Your friend, Hal-WA8LAY

"Time Marches

On..." It's the title of a hit country song by Tracy Lawrence, but lately, we are feeling the effects of this indisputable fact. With the passing of another month, comes word of the passing of another of our club's pillars... one of several we have lost this year.

Rowena Elrod-KA8OBS, who suffered a stroke in August, died September 9th at the age of 69. Harold covered details of her passing here on page one, so I won't go back over them, but Ro, in a style only she could muster, has left us with a noticeable emptiness. I'm sure many of you recall the occasional bantering that went on between Ro and her husband, Pete, who preceded her in death little more than a year ago. They were one of a kind people and Rowena always spoke her mind, for to do otherwise would not be her style. We'll miss her.

Time marches on... It was only a short two months ago that Julie-KB8ZXR, Ro and I got together to produce the club directories that many of you now own. Ro was, at that time, trying to endure the Summer heat-as most of us were, but she was relaxed and we had great fun copying, collating and stapling-telling jokes in between.



It gave me a new appreciation for what Hal and her have done many times before on the SCOPE. Ro showed me that she had a light side and enjoyed laughing. It was something I seldom saw in her at the meetings, and I left that day with a new sense of appreciation for her and, frankly, some of the other CMARC members of CMARC.

Time marches on... The positions we fill on the Board are voluntary, offering little more than a title, a small measure of personal satisfaction and not much else. We enjoy the gratification of knowing that we are making a difference, if only for a little while and we hope the tradition of excellence continues after we leave. Ro has definitely made her mark on the Central Michigan Amateur Radio Club. Much like Harold Mahlke, John "Tiny" Hewitt, Ralph Ziegenbein and the myriad of others that have gone on before us. It behooves us to remember them, attempting to do our part in making the future of Amateur Radio a fun time.

We, as people, must never forget the memories of our lost friends. As Amateurs, we must always strive to be the best. We live in a fast-paced time, but we must remember that, like a slow moving train, "Time Marches On". 73/88 Ro, we'll miss you.

"Erv"-W8ERV President of CMARC



... “Something To Offer” ...

It has been noticed that life is changing around our club; new ‘Hams’ becoming members and offering new ideas. Older members sharing ideas too. Some members are welcoming this change, some are resisting. Some even lend a hand while others may not be able to...

Being a new ham myself, as well as one of the newer members; jumping in with new ideas and now the ‘Scope’ editor, I have realized some thing I needed to be reminded of; and that is, there is a part of our membership that too has a lot to offer. That part being our older members. Our older membership has seen new members come and old members go. What these members have to offer may not be a tangible offering, but an offering none the less. These members offer us stories of our past. Stories that tell the history of not only ‘Ham Radio and our club’... history of Wars and Peace and of family. Stories that show us the struggles of the past that now allow us to be who we are today and have the many blessings that we may take for granted. These stories can spawn new ideas that haven’t been thought of or even add to or improving on old ideas.

How many of us have taken the time to listen to these stories wanting and waiting to be told? With life so busy and so hectic; our older members have time to share stories that can lift our hearts or make us cry. Stories that show us that we may not have it so bad after all.

‘Hams’ for many years, have been helping others to learn, or helping others in their time of need. Sometimes I think we need a little reminder of this and to “Listen”. We all have something to offer.

Thank you to all who have shared their stories and to those who “Listen”.

Cary M. Britten-KC8JKA; Editor

National Ham News

HAMS ACTIVATE NETS

AS TROPICAL STORM FRANCES STRIKES

Hams in South Texas have activated HF emergency nets on 40 and 75 meters as Tropical Storm Frances hit the Texas coast from the Gulf of Mexico early Friday. The storm, which is not expected to become a hurricane, is packing 65 mph winds. Torrential rain and high tides caused flooding in coastal areas and damaged beachfront homes. Residents of some coastal areas had to evacuate.

ARES has activated 7.285 and 3.873 MHz for daytime and nighttime emergency traffic, respectively, and 7.290 and 3.935 MHz for daytime and nighttime health-and-welfare traffic, respectively. South Texas Section Manager Ray Taylor, N5NAV, has asked the FCC to de-

clare a communications emergency to keep the net frequencies clear for the next few days.

Taylor reports one person has died as a result of the storm. “ARRL - Sept 11, 98”

CANADIAN AMATEURS REpond TO SWISSAIR DISASTER

Within a couple of hours of the Swissair Flight 111 crash September 2, Amateur Radio operators had set up a communication link between the disaster site at Peggy’s Cove and downtown Halifax. At the request of local government officials, RAC ARES Halifax Area Coordinator Dave George, VE1AJP, relayed word to activate the Halifax Regional Municipality Emergency Measures Organization Amateur Radio Group. In addition, the Director of the Nova Scotia Region Ca-

nadian Red Cross, John Byrne, activated the Disaster Response Team, including Telecoms Officer Joe MacPherson, VE1CH. The Red Cross team was directed to report to the site and join the emergency response vehicle, on its maiden journey. MacPherson said new UHF hand-helds were used in simplex to keep in touch with key Red Cross officials and to link with the command bus—as a backup to Amateur Radio. Hams also were deployed to several other staging areas. MacPherson said the hams’ emergency ID cards and vehicle identification cards were imperative to gain access.

MacPherson called in members of the Senior Amateur Radio Association to activate the communications center at the Canadian Red Cross Headquarters in downtown Halifax and also set up telecommunications links—amateur and

con’t. next page

CANADIAN HAMS REPEND con't.
other—between the on-site emergency response vehicle, the command post, Red Cross HQ, and the net control station.

MacPherson said some 20 hams volunteered in all. A shift roster was set up for 24-hour operation by the net control station. Two repeaters were used, one for traffic handling, the other for personnel coordination and assignment.

Amateur operators established emergency HF links to the military and to naval ships engaged in the search. They also were asked to establish communication on marine emergency channel 16 (156.8 MHz).

“The response was both fast and efficient considering the hour and the number of people needed,” MacPherson said. “The extensive training over the past year really paid off. Radio procedures were excellent, and I heard many reports from senior officials at the site about how well the amateurs performed.”—thanks to RAC and Joe MacPherson, VE1CH “*ARRL Sept 11, 98*”

LABOR DAY NO PICNIC

IN WESTERN NEW YORK

There was no Labor Day holiday for hams in upstate New York, who activated SKYWARN nets in the face of severe weather that struck several counties. In the wee hours of September 7, straight-line winds ranging from 70 to 115 MPH tore across 11 of the 30 counties that make up the Western New York section—from Niagara County in the west to Herkimer, Otsego and Delaware Counties in the east. Some 270,000 customers still were without power by mid-week. Gov. George Pataki declared nine counties as disaster areas. Four deaths and nearly two dozen injuries are blamed on the storms. Oneida County SEC Bud Hippisley, K2KIR, reported a lightning strike the day after Labor Day at his home damaged several pieces of ham radio and computer gear.

Shortly after midnight on Labor Day, the National Weather Service began issuing severe thunderstorm and tornado warnings. One of the more severely damaged areas was the New York State Fair

Oldest Ham Radio Operator Dies: Harry Angel, VK4HA, Silent Key

From QNEWS, Australia

Australia's, and by all accounts, the Worlds oldest Amateur who turned 106 years old last December 14th, became a silent key around 1800 UTC August 16 1998. (Coincidentally, this was the weekend Australian and New Zeland amateur's P29 stations remember our fallen Amateurs from both World Wars and Military Conflicts).

Harry Angel was born close to Fulham in the U.K. on December 14 1891. He arrived in Australia around 1912 from California, after a trip around Cape Horn as a very young sailor. One of his jobs on board was to climb the vessels' 150 foot (about 30 meter) masts often in seas up to 40ft (about 13 meters)!

Harry enlisted in the 1st. Battalion, AIF at the outbreak of WW1 and was on the first troopship of Australian Soldiers to reach the Middle East. Anzac Henry Benjamin Angel, Private Number 1094. He was posted to a communications unit based in the North African desert near Alexandria in Egypt. He eventually fell seriously ill with pneumonia and after 4 weeks in a Cairo Hospital was repatriated home to convalesce. Rather than be discharged, he served out the rest of the Great War as a Recruiting Officer.

He settled in Brisbane, where his fascination and knowledge from his Signal days in Egypt prompted him to open a radio repair shop, this in 1935, first at Toowong, later moving to the Grovely area. In the same year Harry sat for his AOCPE exam, sitting alongside WIAQ Historian Al Shawsmith, VK4SS.

His first Ham activity was that of Amateur DJ playing music, his priceless swag of QSL cards and personal letters of praise bear testimony to his great popularity with other hams and SWL's. This activity was curtailed in 1937 when the Post Master Generals Department disallowed musical entertainment by Amateurs in VK.

World War Two arrived, and Harry Angel put his age back and re-enlisted, serving in the Radio repair and maintenance unit based at Victoria Barracks, Brisbane. A ham radio operator for 63 years and an active DX'er until his 100th Birthday, he was NOT known for the “10 second QSO”, but rather than the “rag chew” and as an ambassador of Amateur Radio for his adopted country in particular, VK4-land.

NO NICER BLOKE EVER PRESSED A KEY OR MIKE SWITCH

A gentle humble man he served Australia in War and Peace, and will be Sadly Missed by All.

de Al Shawsmith, VK4SS, QNEWS “*ARRL Sept 11, 98*”

Grounds, where the annual fair was scheduled to wind up on Labor Day. The storm hit there at 1:20 AM, killing two State Fair vendors and injuring several campers. The State Fair was closed on Monday.

Western New York SM Bill Thompson, W2MTA, reports that initial severe weather alerts by the Binghamton NWS center came at 12:52 AM. SKYWARN activations followed in Cayuga, Onondaga, Seneca and Yates counties. Tornado warnings were posted from

Onondaga County eastward to Madison and Oneida counties at 1:05 AM. Additional SKYWARN nets activated at 1:30 AM with WB2UEC as SKYWARN net control on the Oneida County 2-meter repeater.

Red Cross shelters remained open at mid-week in four counties. Damage assessment and debris removal was expected to continue for several more days. Army and Air National Guard personnel have been activated to help.—thanks to Bill Thompson, W2MTA “*ARRL Sept 11, 98*”

Local & Special Interest News

- NETS -

I. Historical Note

During the late twenties and into the early thirties, messages were handled on an ad hoc basis between individual CW stations. Over 90% of operating amateurs were exclusively radio-telegraph. The few well to do AM phone operators we knew handled no traffic; not their thing. This was the Depression, when one could get on the air with a \$10 sackful of parts and tubes from Kresge's Dollar Store downtown. Kresge also sold shortwave's first kit receiver, the Pilot Super Wasp, \$29.50, with the new state-of-the-art 222 screen-grid RF tube and color-coded plug-in coils. I was lucky to get a Super Wasp kit for Christmas. We measured transmitter input power only, possibly 3-15 watts; 20 would be stretching it. Some of us, owning no meters, just guessed. And no one ever operated evenings during Amos and Andy, radio's original and hugely popular sitcom.

In those days we'd simply call CQ and make on-air acquaintances. If our contact had a message for Jackson or vicinity we'd copy and mail it via 1 penny postcard to the addressee. Very few people had telephones then. In imitation of western Union, nearby deliveries were by bicycle. One such, a missing-person message from a Lima, Ohio detective to Jackson Police Department, got me a nice write up in the evening's Citizen Patriot. Seems reporters hang around police stations. I recall sporadic (2 or 3 days a week) prearranged schedules with W9AET-Fort Wayne, W8BMG-Kalamazoo, W8JO-Lansing, W8CEU-Detroit, W8BYD and W8EBY-Cleveland, VE3TM-Leamington. We'd meet at or around a given time, "up 1/4 FM low end," or "1/4 FM hi end" of 80 meters. Since most of us had one-tube self-excited rigs and no crystals we weren't quite sure about band edges, so if we heard stations on either side we must be somewhere inside 80. Our primitive receivers were uncalibrated and the dials just read 0-100. Beyond that we were clueless. By 1933 I'd graduated from high school and to crystal control-47 oscillator to parallel 46 amplifiers at 40 watts (assumed) input, unworried now because the crystal holder had "3575" printed right on it. Within a year or so I was appointed "Route Manager" and invited to the Detroit Amateur Radio Association 1935 Traffic meeting at the East Jefferson Naval Armory. DARA was the biggest and most prestigious Michigan club, an elitist

high-speed CW-only group. I felt honored. There Jim Robinson-W8DVC*, fired the shot heard around the ham world: we'd order crystals @ \$1 from a ham at (where else?) Dollar Bay, and each would be ground to exactly the SAME frequency (!). We were astonished. Thus was born the first one-spot traffic net-QMN. It was immediately successful beyond all expectations; an idea whose time had come. We thought we were on 3650 because it said so on our crystals. The FCC inspector Ernie Peterkin-W8FR, correctly measured 3663, and that's where we have been every night for 63 years (except of course during WWII). Due to wide publicity by Ralph (TATE) Thetreau-W8FX, QMN Secretary over 40 years, the single-frequency net idea caught on at once, in every state and Canadian province.

* *Coincidentally, W8DVC is now CMARC member Dorothy Vanconant of Lainsburg.*

II. The National Traffic System

By 1949 one-spot nets were common everywhere, so the American Radio Relay League organized NTS as liaison, twice daily, between the various state and regional nets, all in accordance with the second R in ARRL.

There are three Area Nets; Eastern, Central, Pacific, and twelve Regional Nets. We're Eighth Region, 8RN, along with WV and OH, part of Eastern Area (EAN). There's no discrimination-phone and CW nets work together in NTS. For example, a message from Lansing to Little Rock might be filed on QMN (CW) or, say, MITN (phone). It would go MITN or QNB via 8RN-EAN-CAN-5RN-appropriate Arkansas State Net.

Over the years NTS has been very successful. Each net has a rotating Net Control Station (NCS) and each is directed and coordinated by a Net Manager. I myself was NM of QMN in the 1950's and early sixties.

III. Michigan Nets

I've divided our net into two types, Traffic and Conversational. Some are both, message first, pleasantries afterward. The larger phone nets have a 20-minute to half-hour pre-net session to secure the frequency and provide camaraderie among members before formal business begins on the hour. I checked into QMN, of course (I may even be the only charter member extant) and some representative 75-meter phone nets.

QMN 3663 6:30 & 10pm Daily CW T (NYS) (Michigan Net) Our first and oldest. Neat feature: 24-hr 6pm-6pm precipitation reports to National Weather Service. NWS furnishes

free rain gauges and each session has NWS liaison.

UPN 3921 5pm & noon SUN daily SSB T&C (NYS) (Upper Peninsula Net) MI WI IN IL MN.

MACS 3953 11am Daily SSB T&C (NTS) (Michigan Amateur Communication System) Former Post Office Net. Beverley Stoner-K8ZJE, NCS Wednesdays, CMARC LM.

MITN 3952 7pm Daily SSB T&C (NTS) (Michigan Traffic Net).

GLETN 3932 9pm Daily SSB T (NTS) (Great Lake Emergency Traffic Net) MI ON OH IN IL WI PA.

BRN 3930 5pm Daily SSB C (Buzzard's Roost Net) Originated in Lansing many years ago during AM days.

TAN 3945 M-F SSB C (Teen Age Net) (NM Dave Parker-W8NSH) To participate, one of the following must apply: 1. You are a teenager. 2. You have already been a teenager. 3. You are looking forward to the teens.

ODN 3857 8:30am M-F SSB C (Old Duffers Net) Mostly former Lansingites retired up north; for example, CMARC LM Marion Stoner-W8VWY now of Frankfort.

A full listing of NTS appears regularly in QST under Section News, Great Lakes Division, Michigan Section (P. 118, September 1998). All the nets itemized above were very friendly and one even invited me, a stranger, to their upcoming picnic.

Listen, to acquaint yourself with each net's individual operating procedures and protocol, then join in. You'll be welcome. Without exception, they reported difficulty in reaching Lansing for message delivery and would appreciate any help from stations in this area.

Local & Special Interest News

Don Devendorf-W8EGI

Do you have stories of early ham days and the way things were? Write and let us know what it use to be like with the old tube and crystal sets.



The History of CMARC

The history of the Central Michigan Amateur Radio Club is rich in tradition and groundbreaking movements. As you will see, CMARC and its members have made their mark to change Amateur Radio forever.

With the help of former club President Currin Skutt-W8FSZ, as well as many of those involved in the club from years past, we hope this historical perspective is informative and entertaining.

The roots of the Central Michigan Amateur Radio Club can be traced back to as early as September of 1921, when 16 Amateur Radio Operators met for the first time. From this meeting, came the formation of an informal group known as "The Central Michigan Wireless Association".

The next mention of the CMWA is around 1932, when still more informal get togethers were held. In fact, it was not until 1946 that the club members got organized and became affiliated with the Amateur Radio Relay League. At the time, members met at Cedar Street Center, located at 429 North Cedar in Lansing.

Following the end of World War 2, somewhere between 1946 and 1947, the club began meeting at the Lansing Dairy Company and then, in 1948 held its meetings at the Hayford Street Fire Station. The station, located at the corner of Michigan and Hayford, in Lansing, offered a room in the basement for the club to conduct its monthly meetings.

Around 1952, according to former President Currin Skutt-W8FSZ, the Central Michigan Amateur Radio Club secured its club call sign, W8MAA. Around 1959, the club newsletter made its first appearance. No name for the publication is mentioned in any of the club's early notes.

1960 was a dark year for the club. One of CMARC's strongest supporters and a local barber, Ralph Ziegenbein-W8PLP became a silent key. Through talking with members from that time, Mr. Ziegenbein (known affectionately as "Mr. Ham Radio") made a tremendous impact on the local club and Amateur Radio as a whole. So much so, the club honored his memory by naming an award for him. The winner each year is selected by winners of the previous three years and the main criteria is the contributions made by the candidate to Amateur Radio, as well as CMARC. So large was Ralph Ziegenbein's contribution, a group known as the "Lush Wells" (all members of CMARC) decided to secure "Mr. Ham

Radio"'s call sign...if not for the club, then for a worthy local organization.

And so it was; With the Ziegenbein Award in place, friends of the club's (now) most famous member began travelling the channels of red tape with FCC folk, until their efforts were rewarded later that same year. And W8PLP was officially assigned to the Lansing Chapter of the American Red Cross...the new meeting place for CMARC members.

With the club in the comfortable surroundings of the Red Cross, they were better able to work with "mock disaster drills" and the like, and the relationship between the two entities continues to this day. In fact, the club not only resides within the walls of the Red Cross, an official Club radio station is set up there, as well.

In 1964, the club newsletter, still unnamed, finally got one. By contest, "The Scope" became the new name of CMARC's monthly bulletin and the winning submission was entered by Dale Moore-K8YRD. Of course the style changes from time to time, but in essence, its contents bear resemblance to the newsletters of old.

1968 was a busy year as CMARC members help put together the Michigan Amateur Radio Convention. Held in Lansing at the "Jack Tar Hotel", it was the first major Amateur Radio Relay League event to happen locally.

As time passes, many of the traditions born in the early years, remain. Ralph Ziegenbein lives on in his Award, CMARC meets monthly at the Red Cross on Grand River in Lansing, "The Scope" still lets people know what's going on and technology is moving at a rapid pace.

Some items of note, for which members of CMARC were directly responsible, included the idea of the Novice Class License. According to Currin, Ralph Ziegenbein was leading the charge in that fight, too.

Skutt says Ziegenbein was looking for a way to get the younger generation interested in Amateur Radio. It was markedly more difficult to jump into the hobby, having to meet the requirements of a General Class license and, following much discussion, it was agreed that something could be done and after more discussion in the next month, a suggestion was submitted to the ARRL for consideration. And the rest, as they say, is "history". The FCC did indeed add a Novice Class license...thanks to Ralph!

Amateur Call-Plates was yet another challenge to the Ham community and CMARC members rose to the call. As Currin tells it, there were Call Plates in the late 20's or early 30's, but the State Police claimed it loused up their record keeping, and the end was pronounced

upon their early predecessors.

According to Skutt, Cosmo Calkins-W8MAA, was a "Senate Technician". "If you needed pens, or paper", said Skutt, "you called on Cosmo." And as time passed, Calkins developed a good rapport with Senators and even had some favors to call in. It was this edge that proved fruitful for Cosmo in his endeavor to make Amateur Call Plates reality once again.

Well, the Bill was written and introduced into the House, where it was promptly sent into committee and stalled there. It seemed, according to Currin, that Politics were getting in the way. But upon chatting with a friend in southern lower Michigan, he was told it would be remedied. Within a brief few days, the Bill was back out of committee, awaiting a vote.

Now, the challenge was to impress Senators with the importance of Amateur Radio in the community. It had been believed this was mere "child's play" for adults-and the true value of Amateur Radio in a disaster (for passing health and welfare traffic) was largely unknown.

Enter "The Michigan Buzzard Roost Net", on 75/80 meters, Monday through Friday. This net, one of the oldest, became the tool used to finalize approval for the Call Plates. As Skutt tells it, "we started getting the word out" and members of the Net would be on between 5:00pm and 5:45pm, to pass traffic amongst themselves. And, as word of the vote spread, more operators were on as Cosmo demonstrated the operation for Senators. He would take a message for one of the Senator's wives and get it to an operator in his state. When the Senator called home, his wife would relate how "some Amateur Radio operator called with a message from you."

Once again, thanks to the persistence and professionalism of the operators involved, the bill allowing Amateur Call Plates was easily passed and signed by then-Governor G. Mennen "Soapy" Williams, and the first Amateur Call Plates of this new generation made their appearance in 1952.

As items of interest come about, we will add to this history...and the fact that you've read this far is a feat in itself. There is a lot to digest on this page and it was an honor and a privilege to topically research CMARC's history for this Web Site.

Con't on the next page



Local & Special Interest News

Con't from the previous page

Years have passed us by and a new generation of Amateur Radio Operators are growing up and coming to power in the clubs. However, without the benefit of the "old timers", the future seems bleak. For their biggest tool is the knowledge which has been gained through trial and error, over the course of decades of Amateur Radio work. As the saying goes, "Those who do not learn by their mistakes are destined to repeat them"...and we hope as the younger generation becomes even more active in the local clubs, these men and women who made their mark will take the time to share their pearls of wisdom with us.

C.M.A.R.C. & L.C.D.R.A. Repeaters

The Central Michigan Amateur Radio Club, or C.M.A.R.C., is the governing body, responsible for local club activities. An affiliated group, The Lansing Civil Defense Repeater Association, or LCDRA, proudly supports four local repeaters. The first, 145.390, is located about 450ft. above ground. Coverage of this machine is exceptional, reaching Alma, MI to the North, Brighton, MI to the East, Jackson, MI to the South and Ionia to the West. Of course, even the slightest band enhancement broadens the coverage immensely. Second in the CMARC/LCDRA family of repeaters is the 146.940, located on the roof of a local hospital in Lansing, MI. this machine is linked into the "Super Link" in Grand Rapids and boasts (obviously) a WIDE coverage area....stretching from Northern Lower Michigan to South Bend, IN. We've heard stations from Chicagoland and it's coverage to the East goes as far as Grass Lake, MI.

Third, and perhaps one of the most important of the repeaters, is the 146.700. Through this machine we operate all emergency weather nets for SKYWARN, as well as all local disaster drills, walk-a-thons and bike-a-thons. This machine features an autopatch for placing local calls and covers the Greater Lansing area and it's surrounding suburbs. This repeater is also located atop a local hospital in Lansing.

And finally, the 220MHz Band is represented, at 224.980. This machine is (surprise) located atop the same hospital! :) It covers the Lansing and surrounding area well!

For those with an interest in packet operation, the W8EB BBS is on 145.650 and 145.090 and DX Packet Cluster, also by W8EB, is at

Celebrate the 51st Anniversary

of the U.S. Air Force "on the air"

WASHINGTON (AFNS) — Amateur radio operators or "hams" from around the globe can celebrate the 51st anniversary of the Air Force in a high-tech way, with a worldwide radio "QSO party." The party is set for 12:01 a.m. Sept. 19th to 11:59 p.m. Sept. 20th Universal Coordinated Time.

QSO is ham radio shorthand for "radio contact."

Hams are licensed by their governments to develop radio skills, improve radio science, provide disaster and public service communications, and build international goodwill. The U.S. Federal Communications Commission has issued such licenses to more than 700,000 people. Hundreds of thousands of citizens of other nations are similarly licensed by their governments.

Started last year as a one-time celebration of the Air Force 50th anniversary, the QSO party has become an annual event at the request of hundreds of last year's participants from around the world. The event is sponsored by the Air Force directorate of communications and information, and managed by the Razorback Radio Club. Its trustee, Col. Bernie Skoch (amateur radio call sign K5XS), is director of systems at the Air Force Communications and Information Center at the Pentagon.

Hams have a historical practice of using the Morse code to communicate. They couple this practice with modern communication techniques such as voice communications, radio teletype, television, facsimile, and even computer-to-computer communications over radio. Space shuttle astronauts communicate real-time information to classrooms worldwide via ham radio.

The QSO party has been structured to make contact with Air Force veterans attractive to participants by awarding "points" to those members who entered the Air Force the earliest, the colonel said.

"A formula will be used which subtracts the year a radio operator first entered the U.S. Air Force from 1998," said Skoch. "Hams compete in the contest by adding up the point values for all of their contacts during the QSO party.

"Certificates will be awarded to the top three finishers in each U.S. state and foreign country; a plaque will be awarded to the overall winner," he said.

For more details e-mail Skoch at k5xs@Compuserve.com or write the club at 8437 Wesley Stinnett Blvd, Chesapeake Beach, MD 20732.

147.430.

So, as you can see, we are well represented. There are a myriad of other 2 meter machines and 70 cm machines in the area, so you'll never be unable to get on and ragchew when you are in our neighborhood.

Information Nets are a big part of our Local club, too! The Central Michigan Information Net is held Sunday evenings at 8:30pm on the 145.390 machine-and the QCWA holds their weekly Net on Tuesdays at 8pm on the 146.700 machine. All Nets are "Open" format and we encourage visitors on each.

CMARC members meet the first Friday of each month (barring Holidays, of course) at the Red Cross building in Lansing and the club breakfast, known as the "539 Breakfast", is held on the first Saturday of the month.

LCDRA members hold their meetings every other month at the Meridian Township Service Center on Gaylord C. Smith Ct., in Okemos.

Members of the Quarter Century Wireless Association, or QCWA, meet on the last Saturday of each month, for business and breakfast in Lansing.

Members of the OLD Old Timer's Club meet for lunch the 2nd Wednesday of each month. Members must have been active in Amateur Radio for at least 40 years and must be currently licensed.

V.E. Testing is held at various times throughout the year, so we suggest you contact us via email if you wish to know when the testing

Con't on the next page

Con't from the previous page

dates are set. All testing is held at the Michigan Capital Medical Center in one of the activities rooms.

If you are interested in being notified of upcoming V.E. Testing or other club functions, please send a request to be put on an email list so we can do so. Simply contact CMARC and we'll do the rest!

CMARC Meeting September 11, 1998

Pres. Erv-W8ERV brought the meeting to order at 8:15 p.m. with 22 members and 3 visitors present.

Erv told everyone that Rowena Elrod-KA8OBS, who had a stroke in August, had slipped into a coma and passed away on Sept. 9th. Her funeral will be tomorrow at 11 a.m.

OUR VISITORS WERE: Mike-KC8DBP, Bob-KC8KWP and Kazuya Fujita.

NEW LICENSES AND UPGRADES: Bob Trimbach-KC8KWP just received his license today! Everyone applauded him.

VANITY CALLS: There were none.

CARDS AND FLOWERS REPORT: Julie-KB8ZXR had a flower arrangement sent to the Gorsline/Runciman Chapel for Rowena and also sent a card of sympathy to her family.

ANNOUNCEMENTS: Sunday, Oct. 11th from 8 a.m. to 1 p.m. is the 28th Annual CMARC/LCDRA Ham Fair. It will be held at the Ingham County Fairgrounds Community Building in Mason.

Friday, Dec. 4th at 8 p.m. is our annual CMARC Christmas Party. We will be electing officers and admiring (?) Pres. Erv in his tutu. Kim Carpenter, Cary-KC8JKA's girlfriend, has graciously offered to make Erv's tutu and it sounds like it's going to be a special one!!

OLD BUSINESS: A motion was made by Don-W8EGI to accept the Secretary's report as written in the Scope. It was seconded by Don-W8BQD and approved. A motion was made by Chuck-W8CLK to accept the Treasurer's report as written in the Scope. It was seconded by Bernie-N8PVZ and approved.

NEW BUSINESS: Joe-N8VYS discussed a letter, from a Club member, concerning the elimination of contesting and awards at CMARC. The letter stated that there are only the same few participants every year, and the Club could save money on plaques if the contesting was discontinued. It was also mentioned that we have no one to do the plaques,

as Ben Hassel-W8VPC, who had been doing the job for years, resigned earlier this year. Many Club members then spoke up saying that they wanted to continue with the contesting. There were also many new Hams that said that they would like to do contesting but didn't have the equipment or the knowhow. Roy-N8GAQ, Ken-W8AAX and Joe-N8VYS all offered to be Elmers, and Joe said he could open the Club station when needed. Pam-KB8PSF said she would make a list of upcoming contests (along with Ham Fairs) for the Scope each month.

Erv asked if there were any comments on the Scope's new look. Everyone was pleased with it and thought that Cary had done a great job. The calendar and puzzle were omitted from the Sept. issue due to timing considerations, but will be in next month's Scope. If you have anything you would like to see added or things you would like to submit, please contact Cary-KC8JKA. His phone number and e-mail address are in the new Club Directory.

Erv then told the Club that the Board had approved a proposal to have the duplicator cleaned and serviced. This hasn't been done in the two years we have owned it. Not only will this make the duplicator run more smoothly, but should improve the Scope's appearance even more.

The President brought up the subject of the profanity and lewd and-or suggestive language that has been heard for some time on our local repeaters. He said that since Ham Radio was supposed to be self-policing, we all have the right and responsibility to see that such violations do not go unnoticed. He suggested that if anyone hears language being used that is inappropriate and offensive, they should say something to the perpetrators and make them aware that their conduct is not appreciated. After all, this is Ham Radio ...not CB!

HAM FAIR: Volunteers are still needed. If

Central Michigan Amateur Radio Club Treasurer's Report

Account Balances as of September 10, 1998

ASSETS:

Cash & Bank Accounts	
Mich. Nat'l Bank Checking	\$691.85
USPS Postal Deposit	<u>\$247.56</u>
TOTAL Cash & Bank Accounts	\$939.41

Other Assets

Comerica Bank CD	<u>\$1,232.34</u>
TOTAL ASSETS:	\$2,171.75

LIABILITIES:

TOTAL NET WORTH:	\$2,171.75
------------------	------------

Income & Expenses - Aug. 11th - Sept. 10th, 1998

INCOME

Coffee Fund	\$0.00
Dues	\$0.00
Sale of Directories	\$0.00
TOTAL INCOME:	\$00.00

EXPENSES:

SCOPE Mailing	\$53.83
Service Charge	<u>\$13.14</u>
TOTAL EXPENSES	\$66.97
TOTAL NET INCOME	(\$66.97)

Respectfully Submitted,
Joseph Denomme-N8VYS, Treasurer

interested, please contact anyone on the Board.

CARDS AND FLOWERS CHAIRMAN: Kim Carpenter will be doing it temporarily until we can find someone full-time. Her phone number is 332-4719.

DRAWING WINNERS WERE: Erv-W8ERV and Bob-KC8KWP both won a ticket to Adrian's 26th Annual Ham Fest; Joe-N8VYS won a small cooler; and Roy-N8GAQ won a smoke detector.

When we came back from break, our guest speaker was Kazuya Fujita, a professor of seismology at M.S.U. Mr. Fujita was seen, earlier this year, at the Mall's Science Fair where he was speaking on central Michigan earthquakes. It was at this time that he was invited to speak to CMARC. Mr. Fujita put on an exceptional slide program which everyone truly enjoyed. We will invite him to come back next year.

A motion was made, seconded, and approved to adjourn. We closed the meeting at 10:08 p.m.

Julie McLain-KB8ZXR-Secretary

The 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: Clint Hannahs-KC8EHR ph: (517) 882-1799
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: Dave Humphreys-N8WTH ph: (517) 626-2221
Under 22: Jaymes Kenyon-KC8DJH ph: (517) 646-0558
Cards & Flowers Chmn.: Rowena Elrod-KA8OBS ph: (517) 482-9650
Membership Chmn.: John Ingraham-N8GL
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 Rickerd-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

LCDRA Meeting August 20, 1998

Pres. Clint-KC8EHR called the meeting to order at 7:40 p.m. Intro's were made with 21 present.

Clint asked for nominations to elect a new V. Pres. Nominees were: John-AA8LF and Jim-KB8DDQ, who both declined, and Don-W8BQD, who graciously accepted. Forrest-N8PWD made a motion to close the nominations. It was seconded by Dan-N8VKV and approved. Don-W8BQD was then unanimously elected our new V. Pres.

OLD BUSINESS: The Sec.-KB8ZXR read the minutes from July's meeting. Don-N8XME made a motion to accept the minutes. It was seconded by Don-W8BQD and approved.

Treas. Don-WB8NUS read his report. Doug-N8OBZ made a motion to accept the report as read. It was seconded by Dan-N8VKV and approved by all.

NEW BUSINESS: Clint introduced Cary-KC8JKA as the new editor of the Scope. A

few copies of a mock-up of an old Scope, using the new format Cary will be using, was passed around. Everyone liked it.

Clint announced that a meeting, to plan for the upcoming Ham Fair, will take place Sat., Aug. 22. It will be held at the Delhi Cafe in Holt, at 2 p.m. Both CMARC and LCDRA Board members are asked to attend, along with those who have signed up to work the Swap.

Clint said Abe-W8HVG will be in town Fri., Aug. 21st. Abe will find out why our link has been down and will correct the problem. Clint also said that the link may eventually be moved to Jackson, and the 146.94 would once again be available for local use.

John-AA8LF reported that he, Bil-W8EB, and Rick Thomas (Dick-W8VJC's son) had completed the much needed repairs to our 5.39 shack on Dobie Rd. He also said that they would like to wait a year before anything else is done to it. At that time, if needed, hurricane fencing could be put up to help with falling ice. Everyone agreed to wait. Roy-N8GAQ volunteered to ask C.A.P. (Civil Air Patrol, who also use our 5.39 shack for their repeater) if they would help with the repair bills.

Having the ability to access 911 on one of our repeaters was brought up. After a discussion, a suggestion was made to check with some other clubs that have 911, as to their problems or successes, etc. It was noted that the three minute time limit, now on the Auto Patch, could be made longer so 911 calls would not be disconnected.

Clint said he will check with Dan-W8BCI on how the remote for the 145.39 is coming, and if any more has been said about getting the link on TV-10's tower in Onondaga. He will also call Emergency Services with some questions about 911 calls. He will try to have the answers by the October 15th meeting.

The 50-50 Drawing Winner was Doug-N8OBZ. Doug won \$7 and LCDRA made \$8! A motion to adjourn was made by Don-N8XME and seconded by Forrest-N8PWD. The meeting adjourned at 8:38 pm.

Julie McLain-KB8ZXR-Secretary

CMARC Board Meeting September 11, 1998

Pres. Erv-W8ERV brought the meeting to order at 7:40 p.m. Erv invited LCDRA's Board to sit in on the meeting to discuss the work needed on the duplicator. A quorum of

both Boards were in attendance.

Erv talked about Rowena Elrod-KA8OBS who became a silent key on Sept. 9th, after having a stroke in Aug. He said her absence will be greatly noticed.

We briefly discussed the upcoming Ham Fair. Don-WB8NUS will be taking care of ordering more tables, and Julie-KB8ZXR will get the food permit.

Cary-KC8JKA, who was asked to join the meeting, told us of the service work needed on the duplicator. Polack told him that it needs a good cleaning and usually, once they get inside this type of machine, they find small pieces and parts that need replacing. Cary said a basic cleaning will cost about \$100-\$150, IF we take the duplicator to them. If they come to us, it will cost another \$90 an hour on top of it. Polack can give us a more accurate quote once they see it.

Joe-N8VYS made a motion that CMARC and LCDRA be jointly responsible (50-50) for the costs of the materials and mailing of the Scope, as well as the duplicator repairs. A lengthy discussion ensued regarding the mailings, and his motion was then shelved until a later time. Erv then made a motion that CMARC and LCDRA split the costs for repairs and maintenance of the duplicator only. It was seconded by Hal-WA8LAY and approved.

Hal suggested that it would be worthwhile to have a budget committee, consisting of three people (other than Board members) that would work on determining our yearly income and expenses. This way, we would know how much money we had to work with for the whole year (in advance), and the committee could also work on ideas for generating funds for the Club. One suggestion for making some money was to sell advertising space in the Scope, as in past years. The Board will check into its possibilities.

Don-WB8NUS said he had noticed the CMARC Treasurer's report showed a monthly service charge on the checking account. He said that as Treasurer of LCDRA, he had switched banks from Michigan National to Community First to avoid such charges, since they offered free checking. He said LCDRA is also now getting interest on it's checking account and suggested that CMARC should switch banks, also. A motion was then made to the CMARC Board by their V. Pres., Clint, to transfer CMARC's checking account to Community First. It was seconded by Julie and unanimously approved.

Erv made a motion to adjourn, seconded by Julie. The meeting adjourned at 8:05 p.m.

Julie McLain-KB8ZXR-Secretary

CMARC

Board Meeting

October 2, 1998

V. Pres. Clint/KC8EHR brought the meeting to order at 8:48 p.m. There were four board members in attendance. Erv/W8ERV was excused

for work, Jaymes/KC8DJH was excused for a school function and Joe/N8VYS was late getting to the meeting.

We briefly discussed the upcoming Ham Fair and what we would be doing at the CMARC meeting later tonight.

A motion was made to adjourn and the meeting closed at 8:05 p.m.

Julie McLain/KB8ZXR-Secretary

CMARC Meeting

October 2, 1998

V. Pres. Clint/KC8EHR brought the meeting to order at 8:12 p.m. with 30 members and 2 visitors in attendance.

OUR VISITORS WERE: Donna/W8WOY, Lou/N8NVN, and Stan from Kalkaska.

NEW LICENSES, UPGRADES, or VANITY CALLS: There were none.

CARDS AND FLOWERS: Currin/W8FSZ reported that Marion Stoner/W8VWY was hospitalized. The Secretary will send him a card.

ANNOUNCEMENTS: Sunday, Oct. 11th will be the CMARC/LCDRA Ham Fair.

Saturday, Oct. 17th (from noon - 4 p.m.) will be the Boy Scouts "Jamboree on the Air". See Clint for more details.

The Corunna VE's have announced that there will be no VE tests given in November or December because of the Holidays. They also want everyone to know that they now have multiple choice questions for the Code exams (as does Charlotte)!!

OLD BUSINESS: Because of problems with the Duplicator, the Oct. issue of the Scope could not be published. We will, therefore, vote

on approving the Secretary's and Treasurer's report at the November meeting.

"TUTU" MEMBERSHIP DRIVE: For those who haven't heard, Pres. Erv/W8ERV was overheard saying he'd wear a tutu to the Dec. meeting if we had 200 members by the Nov. meeting. John/NG8L reported that we now have 183 CMARC members, and 17 more are needed to reach 200 by the Nov. deadline. Come on people, let's get moving!

Remember, Associate memberships (only \$5.00) count, too!!!

NEW BUSINESS: 1. The FCC is trying to eliminate unnecessary rules and streamline the Amateur Service licensing process. A couple of the things this streamlining involves is reducing the number of license classes from 6 to 4, and lessening some of the code requirements. (Australia is leading the fight to eliminate all code, and there are many other countries in total agreement with them.) The FCC is asking for our input. Interested parties may file comments on or before December 1, 1998. Comments may be filed using the Commission's Electronic Filing System or by filing paper copies. Comments can be sent as an electronic file via the Internet to <<http://www.fcc.gov/e-file/ecfs.html>>. Generally, only one copy of an electronic submission must be filed.

Check out the article in the October issue of CQ for more information. George/K8GHX will send a copy to Cary/KC8JKA for the Scope.

2. Bil Blick/W8EB asked if he could address the Club about the deliberate damage done to the antennas at his QTH on three separate occasions this year. The Shiawassee Sheriff Dept. has been contacted about the damage and informed about Bil's next door neighbor, who has strongly objected to his antennas ever since being erected in 1992. However, because of the type of damage that occurred while Bil was on vacation (the culprits were actually on Bil's roof!), the Sheriff Dept. asked

Bil to check with various Ham groups to see if anyone else might be upset with him enough to do this. Bil thinks this may be a strong possibility as he had mentioned on the air several times that he was going on vacation, and the damage done was something that only Ham or CB operators would possibly know how to do. Bil is asking that if anyone knows of someone who has expressed frustration with him, to please contact Sgt. Jon Wilson at the Shiawassee County Sheriff Dept., and refer to case #7033-98. Their telephone number is 517-743-3411, their fax number is 517-743-6423, and Sgt. Wilson's voice mail extension is 2231. Their address is 201 E. McArthur St., Corunna, MI 48817. Bil said it's very scary to have this going on and to not be sure who is doing the damage, or why. He thanked everyone for their help.

DRAWING WINNERS WERE: Ken/W8KWO, Troy/KA8BMM and Leo/W8SSK. At the break, we had delicious homemade goodies and cider that Jane/KC8FSK and Mary Lu Tillitson had prepared for us. We were able to visit a little longer than usual with other club members and friends.

After the break, we discussed the upcoming Ham Fair. Bil/W8EB said that he, Ron/ND5S and Bob/W9NIP would be putting on an informal DX Forum at the swap. He also said that Don/KC8CY and Andy/K8EFS would be on hand to check QSL cards.

A motion was made to adjourn. The meeting adjourned at 9:35 p.m.

Julie McLain/KB8ZXR-Secretary

Ken Fitzgerald N8FPR

suffered a severe stroke on June 23rd. The good news is that he is making a slow but steady recovery. On Sept 24th he came home from the hospital and is continuing his therapy from the home QTH.

He wants the club to know that he appreciated the card he received which was the first one he got. Please keep Ken in your thoughts and prayers as he continues to make progress everyday

Russ N8FZ (WA8W)

FOR SALE:

Icom 2m Handie Talkie w/ 2 battery packs, battery charger and shoulder mic Asking \$75 for complete package.

Midland 2 meter (144/148 MHz), 25 watt base transceiver - Asking \$50

Astron Power supply/converter 7.5 amp - Asking \$50

2m Antenna w/ 2-25 foot sections of coax - Asking \$25

MAKE AN OFFER: Commodore Computer with keyboard, monitor and printer

Contact: Karen Smeltzer at (616) 382-0625, Kalamazoo, MI

Other Local & Special Interest News

Oct. 1, 1998

Antenna Damage at the QTH of W8EB:

This year I have had my antennas deliberately damaged at least three times, once in the late winter, once in the spring and once in the summer.

I have a 540-foot loop wire loop antenna that encircles my property. This antenna is used for receiving purposes on 160, 80 and 40 meters. It is up about 30 feet in the air and is held up by small ropes in the 60 foot white pine trees.

My next door neighbor of 8 years has strongly objected to my antennas and towers ever since I erected them in 1992. The Shiawassee Sheriff Dept. has been contacted about the damage and informed about the next door neighbor.

They have asked me to check with the various Ham organizations to see if there is anyone else that might be upset with me enough to cause physical damage to my antennas. If you know of anyone who has expressed frustration with me please contact the Shiawassee County Sheriff's Department, Sgt. Jon Wilson and refer to case #7033-98. Their telephone number is 517-743-3411, fax is 517-7436423 and Sgt. Wilson's voice mail extension is 2231. Their address is 201 E. McArthur St., Corunna, Mi. 48817.

I am almost 100% positive that the damage was done by my next door neighbor but I also don't want him wrongfully accused either.

As most of the ham community knows, I work in Chicago during the week thus I am not home during the workweek, only on the weekends. All of the damage done to the antennas was done during the week, either Tuesday or Wednesday nights. The individual or individuals would have to have visual access to the property to be able to plan on how they would do the damage to the antennas.

The first time only one of the support ropes was cut. The second time two support ropes were cut and 100 feet of the 560 foot loop antenna was cut and removed from the property. The third time the tower next to the west side of the house closest to the next door neighbor in question was climbed and he got on the roof of our house and 300 feet of the loop antenna was cut and taken from the property. At the same time additional damage was done to the vertical antenna system by pinning the coax feedline that could have resulted in total damage being done to the HF rig and the amplifier, both units are valued at \$10,500. This was done during the week that both my wife and I was on vacation in New York City.

This last situation is what has the Sheriff's office concerned. My neighbor would not have known that we were on vacation and I had mentioned the vacation frequently on the air plus the damage done to the antenna system is something that only hams or CB operators would possibly know about. The only explanation is that maybe my next door neighbor knows a former radio operator.

If you have any information please contact the Sgt. Wilson and share that information with him. It is very scary to have this going on and not be sure who is doing the damage and why they are doing the damage.

Thanks for the help, Bil Blick W8EB

The New W8MMQ Repeater

Is semi-operational, and now on the air! There is no controller in the repeater yet, so you will hear no "roger beep" or ID-er. This will be installed in the near future. You will note about a half-second hang time.

The repeater is located in Holt, Michigan. It uses a Cushcraft ARX-2B antenna for transmit, at about 45-ft., and a 5/8-wave ground plane for receive, also at about 45-ft. We are transmitting 50-watts at this time. The receiver is located on another

tower, about one-half mile away.

We are using an output of 146.740 with a standard repeater input of 146.140, with no PL tone at this time. Feel free to use the repeater as you like, and let us know how it sounds to you. Signal reports, audio reports, etc. are most welcome.

We will be tweaking the receiver and audio sections over the next week or so, based upon reports we get from users, and tests that we will conduct ourselves. At this time, we are expected good to excel-

lent coverage for mobiles in the immediate Lansing area, and excellent coverage for base stations in the Greater Lansing area.

This is an uncoordinated, low-profile repeater, so we do not want to extend our coverage beyond Lansing at this time, as there are other repeaters on the frequency in Lower Michigan, such as the one coordinated for Detroit.

73 de,
Dan/W8MMQ

"Events & Things To Remember"



THE 28th. ANNUAL CMARC/ LCDRA HAM FAIR

The CMARC/LCDRA Ham Fair will be Oct. 11th, from 8:a.m. to 1p.m., at the Ingham Co. Fair grounds Community Bldg. in Mason. In order to once again make this a success, YOUR help is needed!!!! Please watch the Scope and listen to the Sunday Night Nets at 8:30p.m. for upcoming "planning" meetings. If you are hesitant to help, please keep in mind that you don't have to be there the whole day! Whatever time you can spare will give the rest of us a chance to look around and take a breather. When we all get involved, we all benefit, and it makes the load a lot lighter for everyone!! We need people: to sell trunk sale tickets, admission tickets, and 50/50 tickets; to direct parking; for security; to help in the kitchen with the food preparation and sales; and to help with setup, tear-down, and clean-up. If you can just spare even an hour, around 5:30 or 6a.m., helping us carry stuff in, it would be a fantastic help. Again, whatever you can do and whatever time you can spare will be greatly appreciated! To volunteer please contact Pres. Erv-W8ERV, V. Pres. Clint-KC8EHR or Sec. Julie-KB8ZXR. Phone numbers are on the first page of the Scope.

Julie McLain-KB8ZXR, Secretary

*Upcoming CMARC Meetings
(held Friday Nights at the Lansing Red Cross)
CMARC Board Nominations Nov. 6 at 8pm.
And the night you don't want to miss - 'Erv' wears
a 'Tutu' Dec. 4 at 8pm Oh Yea, and the Christmas
Party Too! (This is also CMARC Election night)*

Upcoming Contests

Sept 26-27

CQ WW RTTY Contest, sponsored by CQ Magazine, 0000Z Sept 26 to 2400Z Sept 27. 80, 40, 20, 15, 10 meters. W/VE stations send RST, state/province, and CQ Zone number; others send RST and CQ Zone number. Work stations once per band. Score 1 pt/QSO with own country, 2 pts/QSO same continent, 3 pts/QSO different continent. Multipliers are states (48), provinces (13), DXCC/WAE countries and CQ Zones per band. Final score is QSO points x multipliers. Awards. All entries must be postmarked no later than December 1, 1998. Mail low power logs to: Roy Gould-K1RY, P.O. Box DX, Stow, MA 01775; email k1ry@contesting.com. Mail high power logs to: Ron Stailey-K5DJ, 504 Dove Haven Dr., Round Rock, TX; email k5dj@easy.com.

Sept 27-28

Heart of Dixie QSO Party, 1800Z Sept 27 to 0100Z Sept 28. AL stations work anyone, others work only AL stations. Score 1 pt/phone QSO, 2 pts/CW or digital QSO. Multipliers are Alabama counties (67 max). Logs indicate band/mode, time, call sign worked, and QTH. Mark new multipliers. Logs must be post marked before Nov 28 and sent to Heart of Dixie QSO Party, Tom Branch-K4NR, 111 Fisher Dr. Gunter Annex, AL 36115.

Classic Radio Exchange, 1800Z Sept 27 to 0400Z Sept 28. Exchange RST, state/province and receiver/transmitter type (for homebrew rigs send final tube or transistor type). Multiply total QSOs (CW or phone) x total number of different receivers plus transmitters (transceivers count as both receiver and transmitter) plus state/provinces/countries worked on each band. Multiply this total by total age of receivers/transmitters you used (for transceivers, multiply the age by two). Send summary sheet and log to Allen Stephens-N5AIT, 106 Bobolink Dr., Richmond, KY 40475. Include SASE with two First Class stamps for results.

Swap & Shops

Compiled by Mike Pearsall-N8MP

SAT OCT 10TH Alpena Thunder Bay Amateur Radio Club (ARRL Hamfest) INFO: Tom-K8CHS (517)354-2469 or Email tomtwite@freeway.net

SUN OCT 11TH MASON - Central Michigan Amateur Radio Club & Lansing Civil Defence Repeater Assn. Hamfair '98 TI 145.39- INFO: Erv-W8ERV (517) 676-2710 emailto kb8tnq@voyager.net (ARRL Hamfest)

SUN OCT 18TH Kalamazoo - Kalamazoo Amateur Radio Club/SMART Hamfest TI 147.04+ Kalamazoo Co. Fairgrounds OPEN 8am ADM \$4/\$3adv TABLES \$1.50/ft-4'min TRUNK Sales \$5 Camping INFO: ka8blo@net-link.net

SUN OCT 25TH WARREN - Utica/Shelby ECA 13th Annual USECA SWAP TI 147.18+ 100pl Italian-Amer Cultural Soc I-96-Hoover-exit north to 12 Mile East past hospital to Imperial Dr—rt to

end Ve exams 9-12am Pre-register Bill-N8SA (810) 468-8345 or emailto chesney@rust.net INFO: Chris, W8ZNT or Emailto w8znt@yahoo.com (ARRL Hamfest)

SAT/SUN NOV 14-15TH FORT WAYNE, IND - Indiana State Conv/Hamfest (ARRL Hamfest) INFO: Doug Jones-N9NNT emailto djones2233@aol.com www.pipeline.com/~dagagnon

SAT JAN 16 FLINT-Amateur Radio and Youth Hamfest TI 147.100+ 100hz pl UAW Local 599 I-69 exit 136 North on Saginaw to Leith Rt 1 block, UAW Hall on rt Major Dealers. OPEN 8am-1pm ADM \$4 undr 12 free INFO: Clay,-KF8UI (810) 233-7889 or Email clay@iavbbs.com

SUN JAN 17TH HAZEL PARK - Hazel Park Amateur Radio Club Hamfest TI146.64- Hazel Park HS I-75 exit 9mi E to Hughes, turn left to HsINFO: Mike-WD8S (248) 399-7970

Classifieds & Special Announcements

QCWA MEMBERSHIP

Were you first licensed as an Amateur Radio Operator at least 25 years ago? If so, you are probably eligible for membership in the Quarter Century Wireless Association.

Mid-Michigan Chapter 135 of QCWA is currently seeking new members in the Greater Lansing Area.

QCWA was founded in 1947 as a noncommercial association of radio amateurs organized for the promotion of interest in Amateur Radio communication and experimentation, for the establishment and advancement of the radio art of public welfare.

To qualify for full membership in QCWA, one must have demonstrable proof of having first licensed as an Amateur Radio operator at least 25 years prior to application for membership and must be currently licensed.

Chapter 135 members meet monthly for breakfast and participate in two dinner meetings each year. With more than 40 active members, the chapter officers include Merlin Anderson-K8EFS, President; John Ingraham-NG8L, Vice President; and Dan Davis-W8LUX, Secretary/Treasurer.

For an application contact Dan Davis-W8LUX at (517) 332-3827 by phone or david@davis@pilot.msu.edu by Email.

Flat Rock, MI: Motor City Radio Club-W8MRM, 1400Z **Sept 12 to Sept 13**, Seventh Annual Flat Rock Riverfest, 7.044 7.244 14.044 14.244. Certificate. Motor City Radio Club, P.O. Box 337, Wyandotte, MI 48192.

Grand Rapids, MI: Clark Radio Club of the Clark Retirement Community-KC8AKH, 1630-2330Z **Sept 26**, In conjunction of our "Walk of Ages Celebration" and "Health Fair", 7.123 21.123, QSL. Lloyd Hansen-AA8PW, 1516 Sherman S.E., Grand Rapids, MI 49506.

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 +

Donation of Refreshments Requested

The "Goodie Gals", Jane-KC8FSK and Mary Lu, would like CMARC members to bring in goodies for the Oct. 2nd meeting. If you're willing to bring something, please let Jane or Mary Lu know a.s.a.p. so they'll know better how to plan. Mary Lu will be bringing cider again this year for our beverage. We will also be needing goodies for the Nov. 6th Thanksgiving meeting and the Dec. 4th Christmas meeting.

Your contributions are greatly appreciated!!

Ladies' Prizes For Ham Fair

Mary Lu Tillitson will be in charge of the Ladies' Table again this year at the October 11th Ham Fair. She is asking for anything that can be used for the drawings. You can give the gifts to Mary Lu or Julie-KB8ZXR. Thank you for any and all donations!

1998 Directory Additions, Changes and Corrections

Additions: New LCDRA Members

1. Leslie Mitchell-W8WLQ; 5090 Nichols Rd.; Mason, MI 48854; Ph. U.L. (R98)
2. Scott Newfer-KC8IIL; 2436 Graystone Dr.; Okemos, MI 48864; Ph. 381-8148 (R98)
3. Cary Britten-KC8JKA (R98)

Changes: Should Now Be

1. Linda McNease-W8LIN; 17843 North 19th St.; Phoenix, AZ 85022; Ph. (602) 992-3006
2. Dan Hicks-W8MMQ e-mail: w8mmq@juno.com web: www.qsl.net-w8mmq

Additions: New E-Mial Address

1. Chuck McNease-N8CM e-mail: n8cm@aol.com
2. Linda McNease-W8LIN e-mail: w8lin@juno.com or n8cm@juno.com

ANTENNA WORDS

BY WA8LAY

Word list



ARRAY	PHASED
CIRCULAR	POWER
DB	PULLEY
DENSITY	QUAD
ELEMENTS	RADIAL
GAIN	REFLECTED
LINEAR	RESISTANCE
MATCH	SPREADER
MULTIBAND	SWR
OMEGA	TUNEUP
PATTERN	VHF

p a t t e r n g t f e s p s
m u l t i b a n d m t h o p
a k l o q i r d r k a d w r
t w k l n u r f i s y r e e
c u o m e g a w e a v m r a
h i n y u y y d s a l h e d
c p r e s i s t a n c e f e
w c h c u f b b b l b d l r
l l m c u p m o b i l e e f
n i q r d l n b q n m n c b
u g d x t e a h g e t s t d
r i g o z h w r n a f i e r
q x c d m y m t x r m t d e
l m o x s f s y g c k y y r

October & November

Birthdays & Anniversaries

10/1 - Juan Pizano-N8YQR's 45th Bday!
10/13 - Jane Keep-KC8FSK's Bday!
10/14 - Don Devendorf-W8EGI's 84th Bday!
10/14 - Roy Uchigashima-N8GAQ's 65th Bday!
10/26 - Joe-N8VYS & Pam-KB8PSF Denomme's 9th Anniv.!
10/29 - CMARC/LCDRA Duplicator 2 Years Old!
11/3 - Joy Clark-KC8GAL
11/8 - Erv-W8ERV and Laurie Bates' 12th Anniv.
11/16 - Charlie Keep-KB8SKV's 35th.
11/19 - Doug Morgan-N8OBZ's 43rd.
11/21 - Don Rickerd-W8BQD's 73rd.
11/24 - Bernie Gaffney Jr.-N8PVZ's 51st.
11/24 - Don Tillitson-WB8NUS' 73rd.

ATTENTION CMARC AND LCDRA MEMBERS!!

If you're receiving more than one Scope because more than one Club member lives in your home, and you aren't making use of these duplicates (i.e. giving them away, etc.), please contact Cary-KC8JKA or Hal-WA8LAY. They will remove these extra Scopes from the mailing list. The reason we sent these duplicates in the past was because we needed to have a certain number of mailings to qualify for our postal permit. With the addition of new members in recent months, we no longer need to mail out duplicates, and their removal from the mailing list will now save us money. Also, if you are a paid member of CMARC or LCDRA and have not been receiving a Scope, let Cary or Hal know and they will take care of it. We don't know if there's a problem if you don't tell 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 normal Amateur radio use and Good Night.

This is _____ now signing clear.

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

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:

State:

Zip:

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:

State:

Zip:

Phone No.:

Class:

ARRL:

Your Birthday

Your Wedding Anniversary

LCDRA Membership - \$15. per year (add a family member at \$7. 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

“In Memory of Ro” ...

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

