

A New Look for the New Millennium - February, 2001



Central Michigan Amateur Radio Club

THE SCOPE



Lansing Civil Defense Repeater Association

www.qsl.net/cmarc **80 Years of Service to Our Community!** www.qsl.net/lcdra

A Not So Pleasant Surprise

A New Site for Breakfast

Imagine this...You get up bright and early for the monthly breakfast with either the QCWA or the 5.39 group. You're hungry and you want to get there early for a good seat, as well as the chance to 'chew the rag' with your fellow local Amateurs. As you pull into the drive of your meeting place, you notice the lights are off and a 'FOR SALE' sign graces the front of the building. That's exactly the kind of surprise that greeted some hungry Hams a couple weeks ago.

Exactly what happened and why is not clear, but what IS clear is we will no longer be meeting at Theio's on North East St. Without fanfare, or even a courtesy call, the local eatery closed its doors, leaving many to wonder why.

The good news is that we have a new location for the meetings! Talk about service. Thanks to Gary (KC8MAD) and Don (WB8NUS), those hungry Hams will be meeting for breakfast at the Flap Jack Restaurant, which is located at 6927 S. Cedar, in Lansing's South End.

The new location boasts plenty of room and a comfortable atmosphere, so come early and bring your appetite with you. Oh and be sure to bring a friend, while you're at it.

CMARC and LCDRA Dues are Due Again

Time sure flies when you're having fun, doesn't it? Yep, it's time to clip out the coupon on the back page of this edition of the SCOPE and send it in with a check or money order to the Club(s).

We're working hard to keep attendance and membership up, so please do your part and get your dues taken care of now, instead of March or April. As we did last year, the cutoff for the SCOPE will be in March, meaning that unless the dues are taken care of, April's edition will not be in your mail box...and that would be a shame.

For those of you who are relatively new to the Hobby, your annual support of CMARC and/or LCDRA goes to help keep the local repeaters in good repair, as well as for the cost of producing and mailing your monthly SCOPE and yes, even for HamFair in the Fall. So one hand washes the other. Thanks for your support . We genuinely appreciate it.

Amateur News From Here *and* There

Including Meeting Minutes from CMARC & LCDRA

CMARC BOARD MEETING

January 5, 2001

Our new president, Michael D. Rhew, brought the meeting to order at 7:45pm. Board members in attendance were: Vice President Kenneth/W8HNI, Treasurer Pam/KB8PSF, Director Bruce/KC8ODP, Under 22 Director Emily/W8ELS, and Secretary Mike/KC8FCA. Director Randall/KC8IHV could not make the meeting and was excused.

Acknowledgment of the outstanding performance of the last board was given by Michael. Growth and detail were by far the most outstanding in this club.

A detailed discussion was given by Treasurer Pam/KB8PSF on how the ARRL gives kickbacks to members of clubs when they join through the club. Michael also discussed who would be in charge of programs such as field day, Hamfest, and the Science Fairs.

Concerns for Ladies Night were discussed as well; a separation of Ladies Night and a Friday night meeting were considered. Talk of starting some "hands on projects" was also discussed, Mike/KC8FCA volunteered a toolbox with wheels. We are looking for someone with a place to work on projects; a place where soldering is not a problem? Bob/K8RBT had an idea-create a picture directory, for our website that would involve the use of a digi-

tal camera. Does anyone have a digital camera that they could lend to Bob?

A vote was taken to rent 3 tables for the Science Fair...the vote was accepted.

The meeting adjourned at 9:45pm. Mike Sanders/KC8FCA-Secretary

CMARC MEETING

January 5, 2001

President Michael/KC8DBP brought the meeting to order at 7:45pm. We had 34 members in attendance and 4 visitors. **VISITORS** were Ken KC8LTL (son of KI8C) from Grand Traverse, Bob's(K8RBT) son from Haslett, and Mark KC8QBW a newly licensed ham from Owosso. **LICENSES OR UPGRADES**: Mark KC8QBW, from Owosso. Bruce/KC8ODP upgraded his single status to married...to Francis (Thompson) Rainey. No reports of **INTERESTING CONTACTS**. **ANNOUNCEMENTS**: the QCWA Club has invited anyone wishing to visit; please stop by Thieos North the last Saturday of each month at 8pm. You don't have to be a member. MS Bike-a-thon will be held July 14 & 15. Science Fair will be held Feb. 3, 2001 at Meridian Mall. Volunteers and volunteer equipment would be greatly appreciated. Another beginners license class will be starting Feb. 3 through Mar. 17, 2001, starting at

10am.[Contact Gregg Mulder at (517)646-6257].

There was no **OLD BUSINESS** to report because being that we just started. Please be patient. If you see any details that I left out please let me know and I will correct them on the next newsletter. Mike/KC8FCA-Secretary

All **NEW BUSINESS** is detailed in the above Meeting paragraph.

Legendary W6SAI SK

Another Amateur Radio legend is gone. William I. "Bill" Orr, W6SAI, of Menlo Park, California, died in his sleep January 24. He was 81.

An ARRL member, Orr was best known for his numerous amateur radio books and reference works, many aimed at beginners. His titles include The Radio Handbook, The Beam Antenna Handbook, The Quad Antenna Handbook, The VHF-UHF Manual and The W6SAI HF Antenna Handbook, some written in collaboration with Stu Cowan, W2LX. Ironically, friends say, the lack of an antenna in recent days had kept Orr off the air.

Licensed in 1934 at age 15 as W2HCE in New York, Orr graduated in electrical engineering from the University of California in the early 1940s.

In his younger years, Orr was a well-known DXer and DXCC Honor Roll member.

He also was involved in DXpeditions to various exotic locations, including St Pierre and Miquelon and Monaco, among other locales.

From the 1940s through the 1980s,

Orr was a frequent contributor to QST, writing about tube-type amplifiers, Project OSCAR, and other topics. Orr constructed some of the amplifiers once used at ARRL Maxim Memorial Station W1AW.

For many years Orr worked with tube manufacturer EIMAC. Orr's application notes for EIMAC products were favorite reading within the amateur community.

In later years, Orr penned columns for Ham Radio magazine and, more recently, for CQ, where he edited "Radio Fundamentals."

In 1996, Orr was named the Dayton Hamvention Technical Excellence award winner.

Chip Margelli, K7JA, of Yaesu, called Orr "one of the technical giants in Amateur Radio." Margelli said a hallmark of Orr's talent was that he always published information for designs that had actually been proven in the field. "He also was a true gentleman, and I shall miss him greatly," Margelli said.

Long-time friend Willard "Tiff" Tiffany, W6GNX, said Orr had a knack for making technical topics easy to follow and understand. He remembered Orr as "a friendly, helpful guy who wrote from the heart because he enjoyed doing it."

Another friend, Marv Gonsior, W6FR, says Orr "had a great sense of humor, a lot of wit about him."

Orr owned a condominium in Maui, Hawaii, and operated from there two or three times a year as KH6ADR.

Orr's wife, Sunny, died about five years ago, and he lived alone. He is survived by four daughters and a son. Arrangements are incomplete at this time.

ARRL BOARD APPROVES DUES INCREASE, ALTERS MORSE POSITION

Meeting in Irving, Texas, January 19 and 20, the ARRL Board of Directors voted to increase membership dues from \$34 to \$39 annually for full members younger than 65, and from \$28 to \$34 for full members 65 and older. The dues hike goes into effect July 1, 2001. The last ARRL dues increase was in July 1997.

The dues increase resulted from a need to fund initiatives to expand the League's advocacy activities on behalf of Amateur Radio--including the defense of amateur spectrum--and to enhance ARRL Headquarters' abilities to serve members during a period of projected deficits. The Board okayed a \$1 greater increase for seniors in an effort to narrow the dues gap, as more and more ARRL members fall into the senior category.

At the same time, the Board approved the hiring of development and sales and marketing professionals on the Headquarters staff as part of an overall plan to augment revenues.

"The ARRL carries out a lot of activities that no longer can be fully funded by dues or publication sales revenues," ARRL Executive Vice President David Sumner, K1ZZ, explained. While voluntary contributions towards Amateur Radio advocacy are helping greatly, "we need to professionalize these activities if we are going to sustain them," he said.

Sumner said putting more emphasis on voluntary contributions was "the only route to financial security" for the ARRL. Among ARRL programs that

will rely heavily on voluntary contributions is "The Big Project" educational initiative proposed last year by ARRL President Jim Haynie, W5JBP. The Board also revised its position on whether Morse code proficiency should continue to be an international licensing requirement for operation below 30 MHz. The Board approved a resolution that "recognizes and accepts" that the Morse requirement likely will be dropped from Article S25 of the international Radio Regulations at the 2003 World Radiocommunication Conference. But the Board held the line on retaining a domestic Morse requirement, saying that each country should be allowed to determine for itself whether it wants to have a Morse requirement.

The Board declared that Morse code deserves continued support as "an important operating mode" as well as in terms of spectrum and "should be retained as a testing element in the US." The resolution also calls on ARRL Headquarters staff to "develop a program designed to promote the use of Morse."

The resolution supersedes all previous Board policy statements regarding Morse code and Article S25.

The Board also established a committee to solicit membership input to update the ARRL's position on refarming the HF Novice bands "in light of the 1999 FCC license restructuring Report and Order." The five-member panel will be named by President Haynie. It will report to the board in one year.

Attending their first ARRL Board meeting were new Rocky Mountain Vice Director Warren "Rev" Morton, WS7W, and new Central Di-

vision Director Dick Isely, W9GIG. Returning as Hudson Division Vice Director was former ARRL First Vice President Steve Mendelsohn, W2ML.

In other action, the Board:

* called on the Volunteer Resources Committee to study the ARRL field organization and recommend possible changes. The yearlong study will be the first in the two decades.

* adopted the ARRL's official legislative program during the 107th Congress, including a resolution urging Congressional support to clarify the FCC's limited preemption policy PRB-1 governing Amateur Radio antennas to incorporate private land-use preclusions such as deed restrictions and restrictive covenants.

* named former Central Division Director Ed Metzger, W9PRN, an ARRL Honorary Vice President. Metzger served as Central Division Director from 1981 until this year and has 44 years of service as an ARRL elected official.

WHITE HOUSE NAMES MICHAEL POWELL TO CHAIR FCC

As expected, President George W. Bush this week named Michael K. Powell to become FCC chairman. Powell, a Republican and an FCC member since 1997, is the son of Secretary of State Gen. Colin Powell. Since Powell already sits on the FCC, the nomination is not subject to Senate confirmation.

"I am deeply honored and privileged to have received President Bush's designation to be Chairman of the Federal Communications Commission,"

Powell said in a statement.

Powell succeeds William Kennard, who stepped down as the head of the FCC on January 19. A Democrat and a Clinton appointee, Kennard was the first African-American to serve as FCC chairman.

Earlier this month, Powell voted with the majority to approve the AOL-Time Warner mega-merger, which he called "unquestionably one of the most significant mergers in history" and said he was pleased to support it.

FCC Special Counsel for Amateur Radio Enforcement Riley Hollingsworth says Powell has a solid relationship with the Enforcement Bureau. "I'm delighted," Hollingsworth said of Powell's appointment. "He's a very sharp guy." Powell came to the FCC from the Department of Justice, where he served as the chief of staff of the Antitrust Division. He has appointed FCC veteran and former Walt Disney Company vice president Marsha J. MacBride as the agency's Chief of Staff.

The other members of the FCC are Susan Ness, Harold W. Furchtgott-Roth, and Gloria Tristani. Among names mentioned as possible Bush appointees to the FCC is that of Texas Public Utilities Commission Chairman Pat Wood.

HOLLINGSWORTH SAYS "RADIO RAGE" HAZARDOUS TO HAM RADIO

Entering his third year spearheading the FCC's Amateur Radio enforcement effort, Special Counsel for Ama-

teur Radio Enforcement Riley Hollingsworth says "radio rage" could become a bigger danger to the future of Amateur Radio than rulebreaking.

"It's the infighting and arguments and juvenile spats," Hollingsworth said this week. "That's going to come back to haunt us if we don't just grow up. It will do the service in, if the ham community doesn't put a stop to it."

Hollingsworth said that he's encouraged that the FCC's enforcement program has the support of "99.9%" of the amateur community and that the vast majority of hams follow the rules. But, he said that radio rage in the form of such things as on-air squabbles or frequency fights can degrade the bands just as quickly as outright rulebreaking. "The FCC can't do anything about that," he said. "It's up to the amateur community."

Hollingsworth said that while much radio rage technically is not illegal, it reflects poorly on Amateur Radio and can balloon into an enforcement issue. More important, he said, rude or intemperate on-air behavior might provide just the sort of ammunition that an entity seeking additional spectrum will use against Amateur Radio. Hollingsworth predicted that the departure January 19 of FCC Chairman William Kennard (see "FCC CHAIRMAN WILLIAM KENNARD RESIGNS" below) and the changing of the guard the White House the next day will not alter the course of the current amateur enforcement effort. He said he sees nothing but positive changes ahead.

"I'm willing to bet my SX-115 that we won't miss a beat," he said, referring to one of his latest acquisitions of vintage ham gear, "as long as the amateur community lets it be known it still

wants enforcement."

Hollingsworth said it was pressure from the ARRL and individual amateurs that prompted the resumption of amateur enforcement in 1998 during Kennard's tenure, "and it's the type of program that needs that continual pressure to keep it going," he added. Overall complaints are down, Hollingsworth said, "but no one can be complacent."

Special Nominations Sought for Awards

If your Ham Radio Club knows the best Ham Radio recruiter of 2000, would you and the club want to know? What about the best ham Radio teacher or Instructor? You can find out.

Complete the attached nomination form (or visit <http://www.arrl.org/FandES/ead/award/application.html>) and send it to your Section Manager ASAP. The deadline is January 31.

As of today we have 7 nominees for Herb S. Brier, 2 for Professional Educator, 2 for Technical Innovation and 4 for Technical Service.

We do not have nominations for Professional Instructor, Excellence in Recruiting, Hiram Percy Maxim Award, or the Microwave Development Award.

If you have any questions on these awards, please contact me.

Jean Wolfgang, WB3IOS
Educational Programs Coordinator
ARRL Field & Educational Services

Phone 860-594-0219
Email jw Wolfgang@arrl.org

Margie Bourgoin, KB1DCO
ARRL, Educational Correspondent

E-mail: kb1dco@arrl.org
Phone: 860-594-0267
FAX: 860-594-0259

March 15th

Deadline for Ziegenbein Nominations Looms

March 15th

Pursuant to the bylaws, which were re-submitted and approved, this is official notification that your nominations for the 2000 Ziegenbein Award are now being accepted. As you should be aware, the annual award, CMARC's highest honor, is presented at the May Ladies' Night Banquet. The Nomination Committee is comprised of the last three winners of the Ziegenbein and include the following: Roy Uchigashima (N8GAQ) <senior member>, Julie McLain (KB8ZXR) and Pam Denomme (KB8PSF).

Pursuant to the bylaws, *nominees MUST be current CMARC members, the nominations MUST be made in writing (no chain letters or duplicates allowed), ALL nominations are to be mailed and must be submitted to the Committee members no later than 15 March, 2001.*

Nominations can be sent to Julie McLain (KB8ZXR), 4444 Sycamore #1, Holt, Michigan 48842.

Good luck to all and get those nominations in.

Ruminations

I believe that CMARC is a good club, and a strong one. The reason for this is not based solely on the size of the club. It is based also on the level of participation in CMARC and non-CMARC activities by the membership of the club. Our members involve themselves with activities that are Ham Radio activities, as well as those that benefit our communities, such as SkyWarn and disaster response. We have members that are also members of other Amateur Radio clubs in Michigan, and national organizations as well. A group of involved and active participants makes CMARC a club to be proud of.

I have been trying to determine which members of CMARC are serving our club and our hobby in various capacities. I will list those that I am aware of, and ask that if you or someone you know is serving but not listed, please provide me with the information.

President / VE, Michael D. Rhew - KC8DBP

Vice President / Programs Chairman, Ken Faiver - W8HNI

Secretary / Cards & Flowers, Mike Sanders - KC8FCA

Treasurer, Pam Denomme - KB8PSF

Director, Bruce Rainey - KC8ODP

Director, Randall L. Stortz - KC8IHV

Under 22 Director, Emily L. Shanblatt - W8ELS

Scope Editor / HamFair Chairman / VE, Erv Bates - W8ERV

Web Master, Mark Humphreys - N8DEF

Membership Chairman, John Ingraham - NG8L

Licensing Class Chairman, Gregg Mulder - WB8LZG

Red Cross Liaison, Don Tillitson - WB8NUS

Emergency Coordinator (EC/ARES/RACES), Clint Hannahs - KC8EHR

SkyWarn Chairman, Jaymes Kenyon - KC8DJH

QSL & Awards Manager, Don De Feyter - KC8CY

Ziegenbein Nomination Chairman, Roy Uchigashima - N8GAQ

Information Nets Chairman, Troy C. Creed - W8TCC

Special Projects Chairman (Photo Directory), Bob Trimbach - K8RBT

VE Team Chairman, Joe Denomme - N8VYS

VE Team Liaison, Larry Nordeen- N8VEN

VE, Dick Mc Guire - KI8C

VE, others yet unknown to me

Snack preparations at club meetings: Jane Law - KC8FSK, Mary Lou Tillitson , Inez Pearson – KY8V

There are positions that need to be filled, or I have not learned who is serving in them:

Field Day Chairman, Boy/Girl Scouting Liaison, Public Information Chairman (may be filled, waiting confirmation). If you would like an opportunity to serve the club, please contact me.

I welcome your comments and suggestions as we work together to make CMARC an even better organization. You may contact me at kc8dbp@arrl.net, or telephone 517-725-1853 (long distance for most of you).

73 de KC8DBP

Something Funny, Something Special

Humorous, Sometimes Touching Submissions from our Members and Others

Kids Say the Darndest Things

Have you ever been embarrassed or tickled by something you either heard from your child, or another child? I know I have. It never ceases to amaze me how their minds work. The following was submitted by Jane (KC8FSK) and I print it here, with thanks to her for this WONDERFUL submission. Enjoy!

The following are some actual letters to GOD....written by children. And they say, 'Out of the mouth of babes...'

Dear GOD,
Did you mean for the giraffe to look like that or was it an accident? -Norma

Dear GOD,
Instead of letting people die and having to make new ones, why don't You just keep the ones You have now? -Jane

Dear GOD,
Who draws the lines around the countries? -Nan

Dear GOD,
I went to this wedding and they kissed right in church. Is that okay? -Neil

Dear GOD,
What does it mean You are a Jealous God? I thought You had everything. -Jane

Dear God,
Did you really mean "do unto others as they do unto you"? Because if you did, then I'm going to fix my brother! -Darla

Dear GOD,
Thank you for the baby brother, but what I prayed for was a puppy. -Joyce

Dear GOD,
It rained for our whole vacation and is my father mad! He said some things about You that people are not supposed to say, but I hope You will not hurt him anyway. Your friend. (But I am not going to tell you who I am)

Dear GOD,
Why is Sunday school on Sunday? I thought it was supposed to be our day of rest. -Tom L.

Dear GOD,
Please send me a pony. I never asked for anything before, You can look it up. -Bruce

Dear GOD,
My brother is a rat. You should give him a tail. Ha ha. -Danny

Dear GOD,
Maybe Cain and Abel would not kill each other so much if they had their

own rooms. It works with my brother. -Larry

Dear GOD,
I want to be just like my Daddy when I get big, but not with so much hair all over. -Sam

Dear GOD,
I think the stapler is one of your goodest inventions. -Ruth M.

Dear GOD,
I bet it is very hard for You to love all of everybody in the whole world. There are only 4 people in our family and I can never do it. -Nan

Dear GOD,
If You watch me in church Sunday, I'll show You my new shoes. -Mickey D.

Dear GOD,
I would like to live 900 years like the guy in the Bible. Love, Chris

Dear GOD,
We read Thomas Edison made light. But in school they said You did it. So I bet he stole your idea. Sincerely, Donna

Submitted by Jane Law, KC8FSK

Attention Story Collectors: Got something funny or touching to share with us-Why not submit it? Email Erv w8erv@arrl.net or call him 676-2710

The Y2K CMARC Board

The 2001 LCDRA Board

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

Our Y2K-Complacent CMARC Officers:

Pres: J. Ervin Bates-W8ERV ph: (517) 676-2710
Vice Pres: Steve Dible-W8CRH ph: (517) 627-7979
Sec: Julie McLain-KB8ZXR ph: (517) 694-0812
Treasurer: Pam Denomme-KB8PSF ph: (517) 589-5263
Dir: Don McLain-KB8RAD ph: (517) 694-0812
Dir: John Crawford-N8LLC ph: (517) 393-2336
Under 22: Tyler Head-KC8LWG ph: (517) 669-9375
Cards & Flowers Chmn.: Julie McLain ph: (517) 694-0812
Membership Chmn.: John Ingraham-NG8L ph: (517) 484-8027
Meetings: 1st. Friday of every month at the Red Cross, Lansing Chapter, 1800 E. Grand River at 7:30pm.
Club Calls: W8MAA & W8PLP
QSL & Awards Mgr.: Don DeFeyer-KC8CY
Scope Editor: J. Ervin Bates, W8ERV Email address: w8erv@arrl.net
Deadline for articles: 15th. of month.

Congratulations to Our Newly Elected LCDRA Officers:

Pres: Dan Harger-W8BCI ph: (517) 882-8784
Vice Pres: Don Rickerd-W8BQD ph: (517) 339-8496
Sec: Troy Creed-W8TCC ph: (517) 323-6358
Treasurer: Scott Newfer-W8SRN ph: (517) 381-8148
Dir: Hal Bell-W8LAY ph: (517) 484-0962
Dir: Bruce Rainey-KC8ODP ph: (517)
Repeater Trustee: Dennis Boone-KB8ZQZ

LCDRA Call: WB8CQM

Meetings: Quarterly, on the 3rd. Thursday at 7:30pm. at Lansing Fire Dept., Station #8, on Marshall St. at Grand River, just west of the Red Cross. *Ask Clint to show you the EOC station they have worked so hard to build up.*

Central Michigan Amateur Radio Club Treasurer's Report

Account Balances as of January 5, 2001

ASSETS:

Cash & Bank Accounts	
Mich. Nat'l Bank Checking	\$804.25
USPS Postal Deposit	<u>\$87.28</u>
TOTAL Cash & Bank Accounts	\$891.53
Other Assets	
Comerica Bank CD	<u>\$1,349.65</u>
TOTAL ASSETS:	\$2,241.18
LIABILITIES:	\$0.00
TOTAL NET WORTH:	\$2,241.18

Income & Expenses: December 1, 2000-January 5, 2001

INCOME

Coffee Fund	\$0.00
HamFair Profit	770.51
Dues	<u>30.00</u>
TOTAL INCOME:	\$800.51

EXPENSES:

SCOPE Mailings (2)	\$92.15
Food Cart	\$31.79
ARRL Outgoing QSL	\$0.00
Supplies	\$223.08
Digitize Logo	\$150.00
Service Charges	<u>\$0.00</u>
TOTAL EXPENSES	\$497.02
TOTAL NET PROFIT	\$303.49

Respectfully Submitted,
Pamela Denomme-KB8PSF, Treasurer

FEBRUARY BIRTHDAY'S AND ANNIVERSARIES

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

Orders for HamTags Slated for March CMARC Meeting

For those of you who have taken a fancy to the advertisement to the left of this note, you will be happy to learn that we are taking orders for HamTags at the March meeting. All you need to do is plan what you want your HamTag to say (22 characters or less) and if you want it in Gold or Silver. We'll do the rest of the legwork.

Remember that CMARC gets \$10 for every HamTag sold and please plan to come and order one for your vehicle.

Introducing HamTags!



Constructed of injection molded plastic, just like the automakers use. Foil-coated, then triple sealed for years of use on your vehicle. Say virtually ANYTHING (up to 22 characters). Offered with Auto Industry standard adhesive. Every HamTag sold through CMARC brings \$10 BACK to us!

Chrome \$39.95
Gold \$44.95

www.hamtag.com

Ingham Co. ARPSC Training Meetings

If you are an RACES or ARES member, and wish to play an active role in the Ingham County ARPSC Group, you are invited to attend the Ingham County ARPSC meetings. These meetings are held the third Monday at 7pm each month. They alternate between the Ingham County Sheriff's, Department; 630 N. Cedar St, Mason and Fire Station #8; on the corner of Marshall St. & Grand River, Lansing. Talk in frequency is the Okemos repeater - 145.390MHz 100Hz PL.

Every other Monday during the month, there is the Ingham County ARPSC net held at 9pm on 146.580MHz. This net is held for RACES/ARES equipment check and information pertaining to RACES/ARES members.

If you have any questions, please contact Clint Hannahs, The Ingham Co. Emergency Coordinator, at kc8ehr@arrl.net or Cary M. Britten, The Assistant Ingham Co. Emergency Coordinator, at kc8jka@arrl.net

Ingham Co. ARPSC 2001 Meeting Schedule

February 19th-Sheriff's Dept. in Mason
March 19th-Fire Station #8 in Lansing
April 16th-Sheriff's Dept. in Mason
May 21st-Fire Station #8 in Lansing
June 18th-Sheriff's Dept. in Mason
July 16th-Fire Station #8 in Lansing
August 20th-Sheriff's Dept. in Mason
September 17th-Fire Station #8 in Lansing
October 15th-Sheriff's Dept. in Mason
November 19th-Fire Station #8 in Lansing
December 17th-Sheriff's Dept. in Mason

Local and Area VE Sessions

Lansing V.E. 2001 Test Dates

Testing is held at the Lansing America Red Cross, in the Kropschot Room at 1800 E. Grand River; Lansing, MI 48909 Talk-In 145.390 - (100hz PL)
Registration begins at 9:30am and testing starts at 10:00am for the following dates:

Mar. 10th, May 12, Jul. 14th, Sep. 8th, Nov. 10th.

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

Corunna VE Testing

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

(except for July, Nov. & Dec.)

7pm Registration

Email: aa8tc@arrl.net

Call in frequency is 147.020 +

Charlotte VE Testing

On the 2nd Saturday of the even months at the Eaton Co. Sheriff Dept.

Email: x95korroch@wmich.edu

12 Noon Registration

Talk-In frequency is 147.080 +

Howell VE Testing

On the 2nd Tuesday of the odd months at the Emergency Operations Ctr.

Highlander Way, Howell, MI. 7pm.

Contact: Greg Mcdiarmid-AA5GO
517-548-5893

Talk-In frequency is 146.680 - (100 hz PL)

Mt. Clemens VE Testing

On the 1st and 3rd Saturdays of the month at the Salvation Army in Mt. Clemens, MI

Contact: Bill Chesney 810-468-8345

7pm. Registration~Talk-In frequency is 147.180
+ (100 hz. PL)

Grand Rapids VE Testing

On the 1st Friday of the month at the Red Cross,

1050 E. Fuller Ave., NE, Grand Rapids.

6:30pm.

Contact: Ed/N8UXN 616-458-9029

Talk-In frequency is 146.760 - (94.8 PL)

Jackson VE Testing

On the 3rd Saturday of most months (10am) at the Jackson District Library, 244 W. Michigan in Jackson, MI

Contact: Dick McGuire 517-782-1430

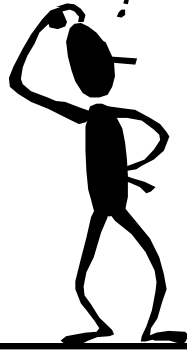
Walk-Ins Welcome! Talk-In frequency is
146.880 - (100 hz. PL)

COMPUTER WORDS

BY WA8LAY

Word list

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



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

Calendar of Events for February, 2001

Feb-2nd CMARC Meeting 7:30pm
Feb 3rd- 5.39 Breakfast, Flap Jack (6927 S. Cedar) 7:30am
Feb 3rd- Science Day at the Mall 11a-4p (Meridian Mall)
Feb-14th OOTC Lunch 1pm. (contact Jerry Maslowski or Irv Graham for location)
Feb-18th Livonia ARC (<http://www.larc.mi.org>)
Feb-24th QCWA Breakfast, Flap Jack (6927 S. Cedar) 8am

Monday evenings at 9pm, ARPSC Net 146.580 simplex, No PL tone

Tuesday evenings at 8pm, QCWA Net 146.700 -600

Sunday evenings at 8:30pm, 5.39 Information Net, 145.390 -600 100hz PL

Name _____ Address _____ City _____ State _____ ZIP _____ Phone No. _____ Lic. Class _____ ARRL Member? _____ Date of Birth _____ Your Wedding Anniversary: _____ Email Address: _____ LC/DRA Membership \$15* Add a family member at \$7.50 per person (Dues cover annual membership from January to January) Send Check or MO to: L.C.D.R.A. P.O. Box 80106, Lansing, Michigan 48908 <i>Use of the repeaters does NOT require membership, but your support is greatly appreciated.</i>	Name _____ Address _____ City _____ State _____ ZIP _____ Phone No. _____ Lic. Class _____ ARRL Member? _____ Date of Birth _____ Your Wedding Anniversary: _____ Email Address: _____ Full Membership \$10 per year* Associate Membership \$5 per year Please remit to: John Ingraham-NG8L, Membership Chairman 2807 Greenbriar Ave., Lansing Michigan 48912 As a licensed Amateur, you can sign up today as a FULL member. As a full member of C/MARC, you have voting rights, as well as an annual subscription to the SCOPE. As an ASSOCIATE, you have an annual subscription to the SCOPE, but no voting rights.
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Lansing Civil Defense Repeater Association



THE SCOPE



Central Michigan Amateur Radio Club

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

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February, 2001

“Celebrating 80 Years of Service to the Greater Lansing Area!”