



Central Michigan Amateur Radio Club

THE SCOPE



Lansing Civil Defense Repeater Association

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

Former SCOPE Editor Stricken

Former SCOPE Editor and LIFE Member of CMARC, Rowena Elrod-KA8OBS, suffered a stroke on Friday, August 14th, at her home. At this time, there is little to report, other than the fact that she will need your thoughts and prayers in the coming weeks and months.

Rowena has served the Central Michigan Amateur Radio Club for many years, in many capacities and her absence will be felt. If you choose to send a card, please send it to her home address, until we get a good address. Her home address is: 111 Lancelot Place, Lansing, MI 48906. Her daughter is tending business for her and once again, let us keep Rowe in our prayers. 73

ATTENTION TRAFFIC HANDLERS IN THE LANSING AREA (and wannabees)...

We are looking for stations in the Lansing area interested in learning to handle messages ("radiograms") through the National Traffic System. Lansing seems to be a "black hole" in Michigan regarding an "inlet" and "outlet" for message traffic and we are determined to start an organized local effort to change it. NTS is simple to learn, takes up very little of your time and is very rewarding knowing that you're doing a public service with very little effort.

Also, if anyone would be interested in volunteering to organize a VHF traffic

net and take the position of Net Manager as well as some others who are already familiar with NTS to instruct new traffic handlers during these nets. Check with Erv-W8ERV if interested. If you have any questions, Curt-K8AI will try to be QRX on 145.390 and 146.940 as much as possible or email: k8ai@iserv.net

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
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- Cards & Flowers Chmn.: Rowena Elrod-KA8OBS ph: (517) 482-9650
- Membership Chmn.: John Ingraham-NG8L
- Meetings: 1st. Friday of every month at the Red Cross in 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.



'It's Our News Letter'

As you all know by now, times are changing and our clubs are no exception. 'Our News Letter' is under going some changes too.

As the new editor for 'The Scope', I invite the members of CMARC and LCDRA to contribute to 'Our News Letter'. By submitting stories and articles written by our members. Ideas and local news worthy events for charity about our schools and our community. And if there are any of you that has a flair for humor and can draw; sketch up a 'ham' cartoon for our very own 'Hamtoons'. Have something you want to sell? Well, let us know that too.

As these changes fall into place, we can add to 'Our News Letter'. Features like Black & White photographs, news from ARRL and other Amateur Radio related sources.

Like just about everything else in life, we will have to make a deadline for entries. Entries must be submitted no later than the 15th. of the month for the up coming issue. Your entries can be submitted by email, on disk, or the old typewriter. Hand written is fine too. Send your entries by email to: KC8JKA@att.net or call for info on submitting your entries.

So I challenge our members! 'It's Our News Letter' and only we can make it fun and informative!

Thank-you, Cary M. Britten-KC8JKA, Your Scope Editor.

National Ham News

ARRL Proposes Simplified Amateur License Structure

The ARRL Board has agreed to propose a simplified Amateur Radio licensing structure with four classes. Lengthy discussion and debate during the Board's meeting July 16-18 led to majority support for a plan for four written examination elements to establish amateurs' operational and technical qualifications instead of the present five, and two Morse Code examination elements instead of the present three.

How Present Amateur Licenses Translate to New Licenses Under the ARRL Proposal

<i>Present</i>	<i>Proposed</i>
Amateur Extra	Class A
Advanced	Class B
General	Class C
Technician Plus	Class C
Novice	Class C
Technician	Class D

Under the plan adopted by the Board, the entry level to Amateur Radio would be known as Class D and would convey the privileges of the present Technician license. The written examination would be at the same level of difficulty as that of the present Technician examination, but consistent with the privileges of the license. All amateurs now licensed as Technicians would become Class D.

The next step would be known as Class C and would convey the privileges of the present General license, but with phone subbands expanded by 50 kHz on 75 and 15 meters and by 25 kHz on 40 meters. Class C would be the entry level to high frequency (HF) operating privileges. To upgrade from Class D to Class C, an amateur would pass a written examination on the operational and technical qualifications required for HF operation and a 5 word per minute Morse code examination. All amateurs now licensed as General, Technician Plus, and Novice would become Class C. The expansion of the telephony subbands would result from "refarming" of the Novice CW bands that are no longer required for their original purpose.

The third step would be known as Class B and would convey the privileges of the present Advanced license, but with phone subbands expanded by 50 kHz on 75 and 15 meters and

by 25 kHz on 40 meters. To upgrade from Class C to Class B, an amateur would pass a more advanced written examination similar in difficulty to the present Element 4A and a 12 word per minute Morse code examination. All amateurs now licensed as Advanced would become Class B.

The final step would be known as Class A and would convey the full privileges of the present Amateur Extra Class, with telephony sub-bands expanded by 50 kHz on 75 and 15 meters and by 25 kHz on 40 meters. To upgrade from Class B to Class A, an amateur would be required to pass the most difficult written examination in the sequence. Consistent with the practice in many other countries, no additional Morse code examination would be required beyond 12 words per minute. All amateurs presently licensed as Amateur Extra Class would become Class A.

In their discussions, Board members emphasized that the objective is to rationalize and simplify the amateur licensing structure without reducing the requirements for any class of license. Where reductions in Morse code requirements are proposed, there would be a corresponding increase in written examination standards. On the other hand, Board members were adamant that simplifying the structure should not come at the expense of privileges already earned by amateurs. Therefore, present Novice and Technician Plus licensees, having earned entry-level HF operating privileges, would be granted the new entry-level HF license.

Adoption of the simplification plan marks the culmination of 30 months of work by the Board, during which time the input of literally thousands of ARRL members and other amateurs and prospective amateurs was considered. The Board debated a wide variety of options including both smaller and larger numbers of license classes, higher and lower qualification levels, and different privileges. Nine of the 15 Directors voted in favor of the plan, with six opposed. Following the meeting ARRL President Rod Stafford-W6ROD, observed, "The debate was at times contentious and the result was not unanimous. Some Board members preferred greater simplifica-

tion; others were uncomfortable with some of the changes being proposed. However, every Board member, without exception, left the meeting knowing that each of his or her colleagues did what they believe is best for the future of Amateur Radio."

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ARRL Licensing Restructuring Proposal FAQ

Q: What happens next?

A: Nothing is going to happen very fast. Now that the FCC has opened a docket (WT Docket No. 98-143) and has released its Notice of Proposed Rule Making, comments to the FCC are in order until the deadline of December 1, 1998. To submit comments, follow the instructions in paragraphs 35-39 of the NPRM. Replies to comments filed by others will be in order until January 15, 1999. The FCC will take no action in this matter until both deadlines have passed and the comments filed have been digested. So, no action is likely until the Spring of 1999, and it might take even longer. If changes in the amateur written examinations are required in order to implement whatever the FCC decides to do, the implementation process could easily take another year or more.

Q: I presently hold a General license. If in the future I want to upgrade, will I have to pass a code test?

A: No. Under the ARRL proposal, as long as you possess evidence (such as a General class license issued before the effective date of new rules) of having received credit for the 13-wpm exam, you would not have to pass another code test.

Q: The charts on the Web site only show 80, 40, and 15 meters. What happens on the other bands?

A: There would be no changes in subbands on the other bands, except that the Novice/Tech Plus subband on 10 meters would disappear because those licensees would have full privileges on that band. Subbands available to General licensees would be available to Class C; subbands now reserved for Ad-

Requirements for Amateur Licenses Under the ARRL Proposal

License Class	Written exam	Morse exam	Level of difficulty
Class D	Operational and technical questions relevant to VHF/UHF	None	Same as present Technician
Upgrade from D to C	Operational and technical questions relevant to HF	5 words per minute	Same as upgrading from present Tech Plus to General
Upgrade from C to B	Similar to present Element 4A (Advanced)	12 words per minute	Same as upgrading to present Advanced, plus Morse exam
Upgrade from B to A	More advanced technical questions	None	Same as upgrading from Advanced to Extra

ARRL Licensing

Restructuring Proposal FAQ con't

vanced and Extra would be available to Class B and Class A; and subbands reserved for Extra would be available to Class A.

Q: It looks to me as if "refarming" of the Novice bands is just a ploy to reduce the size of the CW bands.

A: The Novice CW bands used to be the busiest segments of the bands. Relatively few Novice licenses have been issued in recent years, and most Novices are inactive. As a consequence, the Novice CW bands are now underutilized. If you don't believe us, listen for yourself. While opinions are bound to differ, many CW devotees now believe that the best way to encourage CW beginners is to let them look for contacts in other parts of the CW bands, where they are more likely to find activity.

Q: You're proposing to "refarm" 200 kHz of Novice CW spectrum, but just 125 kHz would be used for wider phone bands. Why not all 200 kHz?

A: Going band by band, on 80 meters the phone band would be expanded by 50 kHz, which is the width of the present Novice band. On 40 meters, just half of the Novice band would be used for phone; the rest is needed to provide a place where RTTY and data operations can take place within ITU Region 2. This will reduce the burden on the band below 7100 kHz, where phone (outside the "lower 48" states) and CW operators now contend for spectrum with RTTY and data operators. On 15 meters, the lower half of the Novice band would remain available for RTTY and data as well as for slower-speed CW operation, which is how it is used throughout the world. The upper half is already used for phone outside the US.

Q: I've got nothing against Novices — I was one myself — but an automatic upgrade to something that's even better than the present General seems awfully generous.

A: It is generous. On the other hand, if the goal is structural simplification, either someone has to lose privileges or someone has to gain. The Board was adamant that no one should lose privileges.

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STRUCTURING THE RESTRUCTURING DE- BATE

Love it or hate it, the ARRL's recent license restructuring plan certainly has generated considerable debate and controversy within the

Amateur Radio community and gotten licensees thinking about what's good and what's not so good about the current system. ARRL Directors report they're getting lots of email on both sides, and the overall trend appears to be in favor of the plan the Board released earlier this month.

Midwest Director Lew Gordon-K4VX, reports that his mail has been running better than two-to-one in favor. New England Director Tom Frenaye-K1KI, said he's having trouble keeping up with the avalanche of comments. "I've received 166 messages from New England hams, and the count is 105-61 in favor of the proposal," he said, adding that he still has about 50 messages to answer.

Some hams have suggested the current system is just fine, and to change it will diminish the status of current licensees. ARRL Executive Vice President David Sumner-K1ZZ, has an answer for the "don't-change-anything" camp, however. "If you're flatly opposed to any change at all, I don't think that you've taken into consideration the changes that have occurred over the past seven years," he said. For example, Sumner points out that the Novice license—instituted in 1951—no longer is the route of entry to Amateur Radio for more than about 5% of the amateur population. Other than 10 meters, the Novice bands "are significantly underutilized," he observed. Sumner says amateurs can't make a case for additional bands if the present allocations aren't being used to capacity.

In recent years, most of those coming into the hobby have come in as Technicians. Nevertheless, they still must pass the Novice element, which includes questions on HF that are irrelevant to Technician ops. "This pretty much forces you to accept the fact that there must be some change," he said. "The real issue is how far should that change go, and on that, reasonable people can and will differ, and we'll be discussing that over the coming months as the process goes forward."

Sumner said nothing is cast in stone at this point, and if better ideas surface as a result of the current debate, "there will be every chance for those to be reflected in the ultimate FCC action."

The ARRL has sent a copy of its restructuring proposals to the FCC in a letter, but the League has not petitioned for a rulemaking as it awaits the Commission's own ham radio restructuring proposal, still in the draft stages. There's still no definite word on when the FCC's proposal will be made public. "Things are moving along," said an FCC spokesman, who added that the Commission has begun getting comments on the ARRL's proposal.

The FCC is expected to issue a Notice of Proposed Rulemaking that also will seek input from amateurs on various alternatives. The FCC spokesman suggested that hams wait until the Commission's proposal goes public before commenting on the issue.

ARLB057: FCC Proposes To Streamline Amateur Rules

The FCC has proposed to phase out the Novice and Technician Plus class licenses, leaving just four amateur license classes in place—Technician, General, Advanced, and Extra. The Commission also has asked the amateur community to express its opinions on Morse code requirements for licensing and testing, but offered no specific changes. And the FCC proposed to permit Advanced class licensees to administer amateur exams up through General class. The proposals were among several suggested rules changes and invitations to comment contained in an FCC Notice of Proposed Rulemaking, WT Docket 98-143, made public August 10.

In proposing to phase out the Novice and Tech Plus tickets, the FCC said "there appears to be an unnecessary overlap between the Novice, Technician, and Technician Plus license classes." The FCC also said that Technician and Tech Plus operators "predominantly" use FM and packet on VHF and UHF. In addition, the FCC said Novice applicants last year numbered fewer than 1000, while there were nearly 21,500 Technician applications.

Under the FCC plan, Novice and Tech Plus licensees would retain current operating privileges, but no new Novice or Tech Plus licenses would be granted. For examination purposes, current examination elements 2 and 3A would be combined into a new element 3A. For administrative purposes, the FCC would combine the current Technician and Tech Plus databases into a single Technician database. The proposal would eliminate the 5 WPM code test, Element 1A, as a required element for any class of license.

The elimination of the Novice and Tech Plus license classes would effectively raise the bar for future applicants desiring to gain HF operating privileges, unless the FCC ultimately reduces Morse code testing requirements. Since the General class license would become the entry-level HF ticket under the FCC's proposed rules, applicants would have to pass at least the 13 WPM code test.

The FCC did not propose to change any operating frequencies or license privileges for amateurs. However, the FCC does seek comment on the disposition of the current Novice HF bands, which carry a 200-W output power

ARLB057: FCC Proposes To Streamline Amateur Rules con't

limit for all licensees. The FCC invited comment on whether it would be "appropriate" to delete the Novice bands and the power restrictions on higher-class licensees and permit Novices to operate CW anywhere on 80, 40, 15, and 10 meters at 200 W output.

The FCC opened the door to comments on all aspects of Morse code testing from the amateur community. In particular, the Commission said it wants to know if hams prefer the current three-level system or would like to see it reduced to a one or two-tier system—and, if so, at what required speeds. The FCC asked whether hams would be willing to trade a reduction in Morse code requirements for additional written elements on newer digital technologies "which, in part, are replacing the Morse code." And, the Commission asked whether it should consider specifying Morse code examination methods, such as fill-in-the-blank or one minute of solid copy, instead of allowing VEs to determine the testing method. In a related issue, the FCC also seeks comments on how to deal with potential abuses of the current disability waiver for higher-speed Morse code tests. In RM-9196, the ARRL had asked the FCC to require anyone applying for an exemption pursuant to a doctor's certification to first attempt the higher-speed test before examination credit could be given. The League also asked that VECs have access to relevant medical information from the certifying physician. The FCC said the ARRL's proposal would place "an unfair burden on examinees" and raised serious privacy and confidentiality issues.

The FCC went along with an ARRL petition and proposed allowing Advanced class hams to be eligible to prepare and administer license examinations up through General class under the VE program. The Commission said the change would permit greater testing opportunities for hams. The FCC also invited comments on whether it should change written examination requirements "to provide VEs and VECs additional flexibility in determining the specific contents of written examinations."

Referring to yet another ARRL petition, RM-9150, the FCC invited comments on how it can improve its Amateur Radio enforcement processes. The FCC applauded the ARRL "for its creative thinking" in that petition, but said the specific proposal was "inconsistent" with the current statutory role of administrative law judges. The FCC raised the possibility of encouraging complainants to include a draft order "to show cause to initiate a revocation or cease and desist hearing proceed-

ing." The FCC said it also wants to hear how it can better use the services of the Amateur Auxiliary in beefing up enforcement.

The FCC proposed to phase out Radio Amateur Civil Emergency Service, or RACES, stations by not renewing their licenses. No new RACES licenses have been issued since 1980, and only 249 valid licenses remain. The FCC said RACES stations no longer are needed because any amateur station that has been properly registered with a civil defense organization has the same privileges as a RACES station.

The FCC also took the occasion to clarify the definition of "power" as used in the RF exposure table in Section 97.13(c)(1). The FCC said it refers to peak envelope power (PEP) input to the antenna. It also made clear that no one holding an FCC-issued ham ticket may apply for a reciprocal permit for alien amateur license.

The FCC set a longer-than-normal comment period. The deadline for comments is December 1, 1998. The deadline for reply comments is January 15, 1999. The FCC will accept electronic comments via the Internet at <http://www.fcc.gov/e-file/ecfs.html>.

A copy of the complete NPRM has been posted on the ARRL Web page, <http://www.arrl.org>. The FCC NPRM can also be downloaded from the FCC Web site in Word Perfect 5.1 and Text versions as: <http://www.fcc.gov/Bureaus/Wireless/Notices/1998/fcc98183.wp> <http://www.fcc.gov/Bureaus/Wireless/Notices/1998/fcc98183.txt> respectively.

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Noon Time Net Helps Fight Fire

Jan M. Van Allen-N7WJB,
n7wjb@worldnet.att.net

Every morning, 365 days a year the Noon Time Net is on 40 and 80 meters. Found on 7.268.5 MHz, and 3.970 MHz, this net, operating the length of the West Coast handles traffic, contacts, and occasionally an emergency.

On the morning of July 19, 1998, Clyde Little-AA7WC, who is found almost every day of the year on the 40 M side of the net was performing his usual check in pre-net QSOs. Clyde usually does this seven days a week, from his Grants Pass, Oregon home. Starting about 10:00 am everyday he meets and greets many hams who are checking in to make contacts and generally say hello on the Noon Time Net. This is a fun time portion of the net, where

many hams share the camaraderie of this unique net. At noon the net settles to serious business, passing traffic and checking in those who did not previously check in, and to pass formal traffic.

On this particular Sunday morning, a couple of our fellow hams, from Dublin California, were camping in the Stanislaus National Forest, and discovered a forest fire just after it started. John Hayward-KE6ME, and his wife, Jeanette-KF6NCA, first tried their cell phone, and found they were out of range. John used his amateur radio equipment and contacted the Noon Time Net at 1740Z; Clyde immediately had the net standby, and acknowledged the call for help. John had his GPS with him and was able to give Clyde precise coordinates for the fire, not only that, he was able to relay the numbers of the fire service roads and highways to get to the fire site.

Clyde called Dave Glisan-WB6JJR, in Fenton California, and relayed all pertinent information given him. Dave called the Forest Service and alerted them to the situation. The Forest Service relayed back through Dave, to Clyde, to John, who had jumped into his jeep and was on his way to high ground to get out on his cell phone, in case contact with the authorities could not be accomplished.

The entire procedure, including relays took less than ten minutes to complete and get fire-fighting crews on their way to the fire scene of the two acre and growing fire.

All of this enabled the fire fighting crews to get to the scene and have the fire under control by 12:00 NOON! A well done to all: KE6ME, KF6NCA, AA7WC, WB7JJR and the Forest Firefighters, who worked together to save our forest from a potential big and much more damaging fire!

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1998 Directory Additions, Changes, and Corrections

Additions:

1. Mike Perez-N8OUN, Email address: perez5196@aol.com

Changes:

CMARC's Email address: Cmarc@qsl.net
Jim Crisp-KB8KXR, Change to WB8VIC

Corrections:

Edward Schweipler-KC8DQC, Should be Schweifler

Local & Special Interest News

The Adventures of N8WTH

I'm leaving for Denmark on Wed. Aug. 12. I have a confirmed operating time and if all goes well I will be QRV from Copenhagen at 08:00-11:00 UTC on Saturday, Aug. 15. This is very early in the day (4am-7am) for Michigan folks, but I'd be thrilled to contact some local hams.

I also have tentative plans to operate on Monday, Aug. 17 around 4-7pm EDT. I will attempt to pass word on this as events become clearer. Operating later on in Spain and possibly Portugal should be confirmed in early September.

Frequencies used will of course depend upon band openings and my best guess at a propagation path to N. America. I will be using SSB due to the limited operating time and my rather modest CW speed. Look for me in the fol-

lowing frequency segments of 20m: 14.225-14.275; 15m: 21.300-21.350; and 10m: 28.300-28.400.

If a path to the US should open on 40m, look for me in the bottom of the general class phone segment. I would guess that 20m will be the band of choice at this hour, but we shall see. If a path opens on 10m, I'll locate there. This is as specific as I can be at this time regarding frequencies; if there is time I'll try to post a last minute update to the mail list regarding exact positioning.

I will be operating in Denmark only because of the generosity of the folks at the OZ5EDR club station in Copenhagen. I've been invited to attend a Saturday breakfast at the station, and I will also attend the August club meeting on Monday the 17th before leaving for Germany. If you can, please visit their outstanding web site at: ([http://](http://www.hamradio.dk)

www.hamradio.dk). Click on the British flag in the lower left corner for the English language version. They have very nice on-line photos of all operating stations; board members, various club specialty rooms, etc.; as well as a photo of the OZ5EDR house I'll be visiting.

Also, my web site will contain continuous updates as my trip progresses. You may also check Mark's (N8DEF) site for information. My Site (N8WTH) (<http://www.qsl.net/n8wth>); Mark's (N8DEF) (<http://my.voyager.net/n8def>)

My QSL manager is N8DEF. More QSL information is available on my web page. SASE not needed for local contacts. DX contacts please use BURO. If enough contacts are made, I'll have some special QSL cards made up after I return from Europe. Please be patient

Denmark is not particularly rare DX for US hams, but I'm looking forward to having some fun and hopefully working some of you! If by chance we do connect and I do not recognize your call sign as being from CMARC, etc.; Please mention on air that you are a member of CMARC, CCARA, MSUARC, etc.

Postings to packet and web clusters would be most appreciated, as would announcements on local and area nets.

If you have any questions or comments, please forward them to: n8wth@qsl.net.

Many TNX, & Hope to meet you on the air!
Best es 73 de Dave, N8WTH

...UPDATE...

I just wanted you to know that I'll be going to Europe soon, and hope to do some (brief) operating. I've been issued the calls OZ/N8WTH (Denmark) and N8WTH/EA4 (Spain). I'm also hoping to do some op. in Portugal. I'll only be QRV for a limited time in these cities, at select times during these intervals: Copenhagen, Denmark - Aug. 14 & 17; Madrid, Spain - Aug 31 to Sept. 11; Lisbon, Portugal - Sept. 12 to Sept. 19; Madrid, Spain - Sept. 21 to Sept. 23

I've created an Email list to "flash" a more exact schedule once in Europe, with the help of Mark (N8DEF). Also, info should be posted on my web site (<http://www.qsl.net/n8wth>) and on Mark's (<http://my.voyager.net/n8def>). It would be great to work some HAMS from Michigan, etc. Please pass the word around! QSL Manager is N8DEF.

Hope to meet you on the air! 73 de Dave, N8WTH

From The CMARC Prez:

Let me preface this month's commentary by telling you that I am prepared to accept any and all criticism for my views. That being said, I assure you I am not alone in my feelings on this subject and it's time to put a little ink on it.

Amateur Radio operators are supposed to be members of a "gentlemen's hobby", holding a higher standard than your run of the mill citizen's band gang. That is not to say that we should be holier than thou, for to do so would be completely counterproductive. I do, however, believe that we should do our best to avoid poor operating practices on any allocated Amateur Radio band...and the Federal Communications Commission agrees.

To quote in part from the FCC's Part 97.113 A 4 (listed under prohibited transmissions): "No Amateur station shall transmit.... Obscene or indecent words or language..." Fairly straightforward wording, I am sure you will agree, yet we have a few on the local repeaters who continue the poor practice of using this language on a daily basis. We are a self-policing lot, who must speak up when things of this nature happen and frankly, I am offended by the abuse of this rule.

Is it so hard to refrain from use of harsh or obscene words on our local repeater and simplex frequencies? Especially when we all know there are more children than ever using the frequencies. It is inexcusable that this goes on, unchecked, and we must address it here and now. I am speaking, not as President of the Central Michigan Amateur Radio Club, but as a dues paying, licensed Amateur, gentleman and parent who is appalled at the blatant disregard for the rules we agreed to abide by when we accepted our license.

Your comments are welcome at any time on this subject. During a net, a meeting or even during general chit chat on the frequencies. In fact, I encourage you to talk about it. If someone speaks out on this and is shouted down, believe me, you have the support of this Amateur. We are literally fighting one battle after another, where big business threatens to take our allocated bands and, lost in the fray, are our standards of keeping this hobby (as much as possible) free of nonsensical garbage, such as obscenity.

The choice is yours. Speak out when someone uses this language, or sit idly by and grumble about it. My choice, from this day forward, is to speak out when someone uses poor operating practice on the local frequencies. We have to do our part to preserve the hobby and this is one way you can make a difference.

Central Michigan Amateur Radio Club Treasurer's Report

Account Balances as of August 10, 1998

ASSETS:

Cash & Bank Accounts	
Mich. Nat'l Bank Checking	\$704.99
USPS Postal Deposit	<u>\$301.39</u>
TOTAL Cash & Bank Accounts	\$1,006.38
Other Assets	
Comerica Bank CD	<u>\$1,232.34</u>
TOTAL ASSETS:	

\$2,238.72

LIABILITIES:

\$0.00

TOTAL NET WORTH:

\$2,238.72

Income & Expenses - July 9th - August 10th, 1998

INCOME

Coffee Fund	\$3.12
Dues	\$45.00
Sale of Directories	\$18.00
TOTAL INCOME:	\$66.12

EXPENSES:

SCOPE Mailing	\$52.59
Service Charge	\$10.45
Office Supplies	\$9.72
Mailing - Sky Warn	\$8.64
Polick Corp.	\$39.17
Donations - B.S.A. (John Hewitt)	<u>\$50.00</u>
TOTAL EXPENSES	\$170.57
TOTAL NET INCOME	(\$104.45)

Respectfully Submitted,
Joseph Denomme-N8VYS, Treasurer

CMARC BOARD MEETING Aug. 7, 1998

Vice Pres. Clint-KC8EHR brought the meeting to order at 7:45p.m. with four board members present. Erv-W8ERV, Don-KB8RAD, and Joe-N8VYS were excused.

At the July meeting, the members decided they would like to improve the Scope's appearance by eliminating the need for cutting and pasting articles. Cary-KC8JKA, who had offered his computer expertise in working on the Scope, said he could create a template which could be used each month by simply plugging in new information. This would result in a more professional looking Scope with less wasted space and the possibility of photos.

Cary made a mock-up (using an old Scope) with the new format and brought it in to show the Board. We all liked it and decided to invite Hal-WA8LAY and Cary to participate with the Board in discussing it. Unfortunately, Rowena-KA8OBS was absent.

We all agreed that we would like Cary to be the new Scope

Editor. He would be doing all of the typing using his new layout. Hal, who has been doing the Scope since 1984, said He and Ro would still be willing to print, collate, and mail the Scope. Hal said he would also pass along any article submissions to Cary.

The Board appreciated the willingness of all involved with the Scope, to work together. We will bring it before the Club for their approval.

We briefly discussed: the repairs needed on a generator used for Field Day; the upcoming Ham Fair; and the upcoming RACES training class. (See the following CMARC minutes for more details).

Dave-N8WTH made a motion to adjourn, seconded by Jaymes-KC8DJH. The meeting adjourned at 8:08p.m.

Julie McLain-KB8ZXR - Secretary

CMARC MEETING Aug 7, 1998

Pres. Erv-W8ERV was required to work overtime now that the GM strike is over and was excused from the meeting. Therefore, Vice Pres. Clint-KC8EHR brought the meeting to order at 8:13p.m. with 23 members and 2 visitors in attendance.

OUR VISITORS WERE: Curt Benjamin-K8AI, our guest speaker: Tom Knott-W8LDX, a former CMARC member who is now living in Weeki Wachee, Florida.

NEW LICENSES / UPGRADES: There were none.

VANITY CALLS: Jim Crisp-KB8KXR is now WB8VIC.

INTERESTING DX OR CONTACTS: Dave-N8WTH said he got a certificate for being top scoring Michigan station in the Oregon QSO Party. Also, Dave is going to Europe for a couple of weeks and so far obtained Ham Licenses in Denmark and Spain.

ANNOUNCEMENTS: Thursday, Aug. 20th, at 7:30p.m. will be the next bimonthly LCDRA meeting and will be held at the usual location. (Minutes from this meeting will appear in October Scope due to timing considerations).

Saturday, Aug. 29th, from 10:a.m. to 3:p.m. is the CMARC-LCDRA Potluck Picnic at Delta Mills Park. Please bring a dish to pass, your own family's table service and nonalcoholic beverages. Be sure to attend for a time of delicious food, good company, and a lot of fun!!!

New 1998 CMARC/LCDRA Directories are now available for 50 cents. Please give any corrections or additions to Julie-KB8ZXR.

Sunday, Oct. 11th, from 8:a.m. to 1p.m., is the 28th Annual CMARC/LCDRA Ham Fair. It will be held at the Ingham County Fair Grounds 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! (See New Business).

OLD BUSINESS: A motion was made by Bernie-N8PVZ to accept the Secretary's report as written in the Scope. It was seconded by Forrest-N8PWD and approved by all. There was

no Treasurer's report in the August Scope.

Clint awarded "Extra Mile Awards" from last month's meeting to Forrest-N8PWD and Dave-N8SHR. Also, He told the Club that Erv has a couple of good leads for the donation of an electric stapler to CMARC. Erv should know more by the September meeting.

Clint also passed around a few copies of a mock-up of an old Scope using the new format that Cary-KC8JKA is working on. If approved, Cary would be the new Scope Editor. Hal agreed that he and Ro will still do the printing, collating and mailing. Hal also said he would help "Elmer" Cary in any way he can. Everyone liked the new format and thought it looked professional. Therefore, a motion to accept it and make Cary the Editor of the Scope was made by Mike-N8OUN. It was seconded by Don-W8BQD and approved by all. If you have anything to submit for the Scope you may mail it to Cary by the 15th of the month (see address in New Directory) or email it to him at KC8JKA@att.net.

Mike-N8OUN said that he had two tentative dates for RACES training class. As soon as the date becomes finalized (next 30 to 60 days), it will be announced on the Sunday night Net on 145.39 at 8:30p.m., and the Tuesday night Net on 146.70 at 8:p.m. The class will take about 3-4 hrs. and will be held at the Ingham County Sheriff Dept. in Mason (behind the A & W).

NEW BUSINESS: We discussed preparations for the CMARC/LCDRA Ham Fair which will be held on Oct. 11th, from 8:a.m. to 1p.m., at the Ingham Co. Fair Grounds Community Bldg. in Mason. The need for volunteers was also brought to the Club's attention. (Please see the Ham Fair article elsewhere in the Scope for details).

The Secretary reported that during Field Day '97, the Club's 1.75 kilowatt Onan generator was discovered to have a serious oil leak. No one repaired it, so Erv decided to take it to Bill's Tractor Sales to see how much it would cost to fix it. In attempting to assess the repair cost, they tore it all apart, but didn't even bother to check out the oil leak, which was the reason Erv brought it there in the first place! They came up with a list of "necessary" repairs such as: rebuilding the carburetor, cleaning out the gas tank, and a valve job, for the grand total of \$140. They said the oil leak may be coming out of the rings, but wouldn't know until they put it back together. If the engine needs to be rebuilt, it will cost \$250. Roy-N8GAQ suggested that because the Club already has a large generator and since many members have their own, we really don't need to fix or replace this one. The Sec. said that we had to pay Bill's \$25 just to get it back, and then still in pieces. Hal said not to pay Bill's and leave it there. A motion was made by Don-W8BQD to abandon the generator and not pay Bill's a penny. It was seconded by Bernie-N8PVZ and approved.

John-N8LLC has donated a 4-drawer locking filing cabinet to the Club. The Board agreed that our wooden filing cabinet could now be given away. Jim Crisp-WB8VIC said he would like it. Erv will see that Jim gets it.

The Sec. announced that she had monitored a conversation on

the 145.39 between Pres. Erv and John-N8LLC, on July 23rd at 7:15p.m. She heard Erv say, in jest, that if CMARC had 200 members by Dec. 1st, he would wear a tutu to the Dec. 4th meeting. Well, she called him on it and said she would bring it to the attention of the Club! Everyone loved the fact that she heard this conversation and a membership drive is now in effect. By the way, Erv never said full memberships, so associates (only \$5) are counted too!! Dave-N8WTH suggested giving memberships as door prizes at our Ham Fair, and also donated money towards the associate membership of Clint's 10 month old son, Brent. Others donating towards Brent's membership were Mike-N8OUN, Cary-KC8JKA, Don-WB8NUS, Roy-N8GAQ, Hal-WA8LAY and Forrest-N8PWD. Next time, maybe Erv will think before running his mouth!!

DRAWING WINNERS WERE: Inez Pearson-KY8V and John Ingraham-NG8L. Someone suggested that we might have to call Ken Starr in again for this one (like last month), considering the fact that Inez, who was asked to make the first drawing, picked her own number.....and John, is the one who buys all of the nice prizes!

When we came back from break, our speaker was Curt Benjamin-K8AI. He gave a very detailed and informative talk on Traffic Handling. Curt said he is interested in getting a Traffic Net started here in Lansing, and will help in any way he can to do so.

A motion was made to adjourn and was seconded. The meeting adjourned at 10:05p.m.

Julie McLain-KB8ZXR, Secretary

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

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 davisd@pilot.msu.edu by Email.

FOR SALE

Hammerlund 170AC Hamband Receiver
Drake T4X-C Hamband Transmitter w/PS
Frequency Meter: BC221-AK, 125-20,000 kHz
Frequency Meter TS-175C/U, 85-1000 mHz
(Above frequency meters have AC power supplies and speakers, eliminating need for ear phones)
GE Variac, Model 9T92Y38, 0-280 VAC, 14 Amp
Prefer single sale of all items. Asking \$150 or make offer.

All equipment in good to excellent condition.

Call 517-627-9810, leave message. —W8AIH

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 +

FOR SALE

Many items that John Hewitt-K8DHN had acquired in the last 75 years.

64 years of QST magazines (some in binders) plus other old radio magazines

Volt Ohm Meters (Heathkit, Eico + Midland)

Grip Dip Meter

Santec 2 Meter hand held

Code keys - including J-38

Dummy loads

Motorola Solid State Generator

Single Generator

Impedance Bridge

Many other items of test equipment

1,000 tested radio tubes

Headphones

2 OLD transmitting coils

Transformers, Speakers, Dials, Meters (some new)

Coils, Capacitors, sockets, vibrators and LOTS of wire

All prices reasonable and negotiable

If interested please call Freda Hewitt 517-323-3439.

September

Birthday & Anniversaries

Sept. 1 - Hank Schepperly-WA8UNQ & Wife's
47th Annv.!

Sept. 3 - Betty Williams-KC8CPG's 58th Bday!

Sept. 11 - Brent Hannahs' 1st Bday!

Sept. 21 - Don Rickerd-W8BQD's 73rd Bday!

Sept. 24 - Scott Stap-N8YRN & Colleen-KC8BOD's
4th Annv.!

Sept. 27 - Bil Blick-W8EB's 57th Bday!

Sept. 27 - Hank Schepperly-WA8UNQ's 70th Bday!

Lets fill this with your input.
Puzzels, Hamtoon, etc. will go
here & add pages as needed

145.390 Net Format

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

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

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

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

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

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

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

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

This is _____ now signing clear.

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

Join Today!

CENTRAL MICHIGAN AMATEUR RADIO CLUB, INC.

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

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

Name: _____ Call: _____

Address: _____ State: _____ Zip: _____

Phone No.: _____ Class: _____ ARRL: _____

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: _____

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

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

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Central Michigan Amateur Radio Club

THE SCOPE

Lansing Civil Defense Repeater Association

Serving Our Community Since 1927

