W8LAP

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LCARA Waveguide

August Published Monthly by The Lapeer County Amateur Radio Association **2004**

The Prez Sez

Josh Long, N8CFS

This is my final (or penultimate) column in the Waveguide before the new officers are elected in September...and as club president. Due to work and school considerations, I cannot serve as an officer for another term and cannot accept any nominations for such. Teaching college is not very time consuming, but this summer it prohibited me from attending the July and August meetings. This fall I will have a heavier teaching load, possibly out of state. Additionally, I preparing for and applying to various doctoral programs.

The nominations for new officers will occur during the August meeting. If you read this prior to the August meeting, please consider running for an office if you are able.

Remember that the club's swap is on Sunday, August 22nd. I hope to see you there!

73 de N8CFS

The Treas Sez

Bill Miller, KD8VP

I would like to report to the members that I have initiated the process of switching banks that we do business with. I have been having such a hard time with the tellers at National City Bank in Metamora that the board approved switching to Lapeer County Bank and Trust Co. bank. The reasons being that National City will not take, for any reason, Canadian money, (you know we get some of that) and second the tellers do not want to even take in and count all the coins American that we get. After questioning LCBT they assured me that Canadian up to $100 is not problem and that they have no problem with taking in coins. I have already opened the account in the name of the club, now I need only to finalize the auto payments for the phone and electric bills.

The SWAP AND SHOP is coming up on August 22, 2004 Sunday. I need volunteers to help at the entry door, security personal at the various doors, someone to man the microphone and do the door prizes, someone to do talk in, and people to help in various other ways.

I would sure hope that some of you will call me and volunteer to help, otherwise I will be calling you!!!

Summer is a very busy time, but your club needs you.

Contact Bill Miller kd8vp @ 810-797-5329, kd8vp@juno.com, or via 146.620 repeater

This month's Meeting is Tuesday, August 10th—7:30 p.m. At the Lapeer County Central Dispatch Center (911) at 2332 W. Genesee Street in the basement

"ARESCOM" PLAN TO ENHANCE EMERGENCY COMMUNICATION CAPABILITY

—OR—

New life for Packet Radio in Emergency Services?

The ARRL Board of Directors has adopted a resolution encouraging further development and expansion of an inaugural network to enhance the emergency communications capability of the Amateur Radio Emergency Service (ARES). The action came during the Board's meeting July 16-17. The Board had charged an ad hoc committee, dubbed "ARESCOM," with developing an augmented ARES telecommunications system that would include rapid and accurate handling of long-range emergency communications. ARESCOM recommended deployment of a digital e-mail system based on Winlink 2000 software. The Board encouraged the deployment of e-mail via Amateur Radio--"as exemplified by Winlink 2000"--to meet the needs of served agencies and others involved in providing disaster communications.

"The digital network will provide a value-added service for

ARESCOM (Continued on page 3)

Upcoming Swap & Shops

August 7 — Iosco County AR Enthusiasts Tawas City, MI http://www.w8icc.org

August 14—Cascades ARS Jackson, MI http://www.w8jxn.org/swap.htm

August 22—Lapeer County ARA Lapeer, MI

http://www.w8lap.com

Sept 11—Grand Rapids ARA, Michigan ARA, & Lowell ARC, Grand Rapids, MI http://www.w8dc.org/swap.htm

This page is “For members only”. It is blank for the general mailing to non-members. If yours is blank either you are not a member, or you are not on my latest roster. Come to the meeting and maybe find out what it is all about! *-ed.*

If your e-mail address changes please let KD8VP and K8DD know so you get club email!

Lapeer County Amateur Radio Association
P.O. Box 12
Hadley, MI 48440-0012

Officers

President, Josh Long, N8CFS.....810-724-6790
Vice-President, Bill HetchlerKC8SHI810-667-1497
Secretary, Therese Long, KC8PEZ..810-724-6790
Treasurer, Bill Miller, KD8VP.....810-797-5329

Committees & Appointees.

Club Founder.....Hollis Hayes, W8ACD
Club Call Trustee W8LAP.....Jim Boyer, KD8YX
VE Coordinator.....Al Wilson, N8NPR
Swap & Shop Chairperson.....Bill Miller, KD8VP
Field Day Chairman.....Bill Miller, KD8VP
Meeting Refreshments.....Bill Miller, KD8VP
Two Meter Net Mgr.....Jim Boyer, KD8YX
Newsletter Editor.....Hank Kohl, K8DD
Club Historian.....Bill Hetchler, KC8SHI
Public Information Officer...Bill Hetchler, KC8SHI

ARES Repeater Nets

Monday at 9:00 PM on 146.620-
Thursday at 9:00 PM on 442.750+
Mon—Sat at 9:30 PM on 147.300+

Meetings

LCARA meetings are held on the second Tuesday of each month in the Lapeer County Central Dispatch Center (911), 2332 W. Genesee St, Lapeer MI at 7:30 p.m. local time

Newsletter

Items for the newsletter may be called to the Editor at 721-0708, sent by U.S. Mail (Box 88, Attica, MI 48412), or as an ASCII file, Word file or hand-written to k8dd@arrl.net
The deadline for submissions is the 20th of each month.

Contributors to this newsletter:

Josh, N8CFS WorldRadio Bill, KD8VP
ARRL Letter

Your name and call should be here!

"I think any amateur who's worth a damn knows Morse code. I don't have much use for people who don't even attempt to learn it."

Joe Walsh, WB6ACU Ordinary, Average Ham (and Rock Legend)

(Continued from page 1) ARESCOM

ARES and will continue to be viewed very positively by our served agencies," the committee said in its report to the Board. "This allows ARES to be viewed as modern and necessary instead of antiquated and invasive."

The committee, chaired by Great Lakes Division Vice Director Dick Mondro, W8FQT, said situations arise when ARES must "pass message traffic across the nation quickly and accurately." It also said the need for such a nationwide ARES capability is likely to increase in light of the ARRL's Citizen Corps partnership with the Department of Homeland Security.

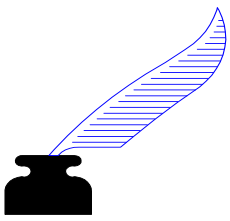
Winlink 2000--a worldwide Amateur Radio digital radio e-mail system--already is widely used by the blue water boating and recreational vehicle communities. Members of the ARRL Programs and Services Committee witnessed a Winlink 2000 demonstration at ARRL Headquarters the day before the board meeting.

The ARRL Board extended the committee's charter until its January 2005 meeting so ARESCOM can complete an implementation plan that ensures that ARES has "the prominent role" in managing the national network and that ARES officials and appropriate ARRL Headquarters staffers have an chance to critique the network's operation to ensure it meets the requirements of ARES and its served agencies.

A two-part series appearing in the August and September 2004 issues of QST, "Winlink for ARES," by ARRL South Texas Section Emergency Coordinator Jerry Reimer, KK5CA, outlines an enhanced ARES network that would include e-mail capability

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LCARA Monthly Meeting Minutes
Lapeer County Central Dispatch Center (911).



No minutes were received for July

Board of Directors Meeting

The Directors' monthly meetings are held on the first Tuesday of each month at the BK Lounge at 7:30PM as needed (announced on the W8LAP repeaters). **All club members are urged to attend.**

Show your club colors

The following items, all with the LCARA logo, are available to members. Your name and callsign could be included at no extra charge.

Tee shirts.....$12.00
Sweat shirts, hooded.....$30.00
Sweat shirts, long sleeve without hood.....$18.00
Golf shirts, grey, yellow or white.....$19.00
Nylon jacket, windbreaker.....$45.00
Heavier poplin jacket, flannel lined, quilted.....$83.00

For XXL add $2.00 For XXXL add $3.00
Add MI sales tax for all items.

Call Flo Haack, KC8CAB , or contact her at any club meeting to place your order.



For Sale

This is a great place to sell what you don't need, give away what you don't need or look for what you can't live with out. Ads will be run for 2 months.

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Wanted: Articles, stories, pictures, facts, fables, witticisms or what-have -you for the Waveguide. If you have something that you think will be of interest to the LCARA membership, please get it to the Editor. See Page 3 for contact information.

For almost Free: Several sections of aluminum tower that were cut apart—probably 50 ft total.
For almost Free: Big 8' C-band satellite dish, LNA thing, receiver, direction motors, spare board for receiver.
For almost Free: 1/2 inch CATV aluminum hard line, no jacket—couple hundred feet
For almost Free: 7/8 inch CATV aluminum hard line, no jacket—probably a couple hundred feet.
Looking to get a case of Pepsi for each!
1– 10MB 24 port Hub, 1– 10MB 24 port Switch $20 ea
Contact Hank, K8DD 810-721-0708
For Sale: Cushcraft X7 Big Thunder tri-band beam with X-740 40 meter add on used but like new $500 obo.
Two Cushcraft 13B2-13 element two meter beams with PD-2 Power Divider stacker kit $250 obo.

Cushcraft A430-11S 11 element 440 MHz uhf beam like new $50
TH-6-DXX tri-band beam needs tender loving care, but is salvageable, $30 obo.
Four sections 10 foot long , unknown brand tower with rotor plate and bushing plate very good condition $50 obo.
Seven sections 8 foot long, Heights aluminum amateur radio tower, has rotor and bushing plates, bottom section starts at 16 inches $200 obo.
Contact Bill Miller kd8vp at kd8vp@juno.com or 810.797.5329

For Sale: Garmin GPS 45 GPS receiver. Operational, but could be cleaned. Includes a copy of the manual. $45 or trade for Icom IC-02AT or similar HT
For Sale: MFJ-1278B multi-mode TNC. Includes manual, power adapter, and various cables. $50 or trade for Icom IC-02AT or similar HT
Contact Josh, N8CFS 810-724-6790

For Sale: all items are in good working condition. Talk to me on the -62 repeater, or see me at WMPC (no phone calls, please)
Set of ham-sticks: 75, 40, 20,15, 10.....$90
MFJ DSP audio filter.....$110
MFJ pocket CW reader.....$30
LDG AT-11 automatic antenna tuner.....$110
Radio Shack frequency counter.....$35
Radio Shack DSP audio filter.....$30
Al Smiley K8NOV

August 2004

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2 ARES Net 146.62	3	4	5 ARES Net 442.750	6	7
8	9 ARES Net 146.62	10 LCARA Meeting	11	12 ARES Net 442.750	13	14
15	16 ARES Net 146.62	17	18	19 ARES Net 442.750	20	21
22 LCARA SWAP	23 ARES Net 146.62	24	25	26 ARES Net 442.750	27	28
29	30 ARES Net 146.62	31				

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In the Farmer Jack Plaza

SPECIAL Through Aug 31, 2004

- On any small parts (the 270 series Radio Shack Part numbers **20% discount!** with your LCARA membership card ~**or**~ proof of Amateur Radio License.

We now can order Diamond Antennas and accessories.
Check with us for your wireless networking needs and High Speed internet!

Be Radio-Active Participate

This is your spot!

News reports, upgrades, achievements, rumors, humorous events, questions, sound off, what DX have you worked?, or any reports. Send anything you have to the editor (see page 2) in any form—handwritten, typed, ASCII file, email, disk, chipped in stone, or by packet radio (144.970 WA8DX—do a SEND K8DD).

"You see, wire telegraph is a kind of a very, very long cat. You pull his tail in New York and his head is meowing in Los Angeles. Do you understand this? And radio operates exactly the same way: you send signals here, they receive them there. The only difference is that there is no cat."

Albert Einstein

CQ magazine announces the CQ WW SSB results



Several months ago Stan, AC8W, and Hank, K8DD, did a program for LCARA about their trip with Team Zone 2 (www.qsl.net/teamzone2) to the James Bay area of the province of Quebec for the annual CQ World Wide SSB contest. The August CQ magazine has the results for the contest. In the Multi Operator, Multi Transmitter class VB2C—Team Zone 2 finished very well considering the group of approximately 20 Amateur Radio operators from Ontario, Quebec, Massachusetts, Connecticut, Michigan and the United Kingdom took all the equipment along with them and set up in Field Day style six kilowatt stations and antennas. If you have ever gone to Field Day, you know what it is like in the summer, putting up antennas and setting up low power stations on a warm day in June. In the James Bay area, in October it is generally in the high 20's to mid 30's .... And that is Fahrenheit, not Centigrade!

The VB2C finished in first place in Canada, fourth place in North America and tenth place World in the contest with 13.5 million points, 9318 QSO's, 148 Zones and 527 Countries.

That is going to be a tough act to follow considering the declining sunspot cycle!

(Continued from page 3) *ARESCOM*

over HF links.

From the ARRL Letter Vol. 23, No. 29 July 23, 2004

Additional Information on WinLink 2000

I took a look at this and downloaded the necessary files from www.winlink.org, the site of WinLink 2000. My first thoughts were that it didn't look that great! But then after reading the documentation and looking at the Powerpoint presentations, it looks like a great way to communicate between packet stations in the field and the EOC and the Emergency Management people via real e-mail using Outlook Express, Outlook or Eudora both in the field and at the EOC.

On both the the field PC and the Gateway PC it takes .NET Framework software and AGW Packet Engine software—both of which are available on the internet for free. There is also special software, Paclink for the field PC and TelPac for the gateway PC, which are also available for, you gessed it, free!

While I was installing and getting this all running there were a couple of questions that came up, so I emailed for help and ended up getting a beta version of Paclink and had all my questions answered by one of the authors of the software. And I guess a couple of my suggestions for the installation document will be in the release.

It probably took two hours to get Paclink working on one laptop with a TNC on 145.09 MHz. Another four hours and TelPac was running on another laptop with a TNC and a telnet connection to the internet.

So what does this all mean, and what will it do? On my laptop running Paclink I can open Outlook Express (or Eudora), compose an email to Therese, kc8pez@yahoo.com and hit send. That calls up Paclink and connects via packet to the other laptop running Telpac. That laptop connects to the internet and sends the email. In this case, Therese got the email, and replied. A short time later I got the email, via my packet link across the basement! And I've tested it with attachments—both text files and Word / Excel files via packet. Take a digital picture at the emergency site and send it to the EOC via e-mail! That's cool!

2004-2005 L.C.A.R.A. MEMBERSHIP APPLICATION

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ARE YOU AN A.R.R.L. MEMBER: YES__ NO__

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Lapeer County Amateur
Radio Association
P.O. Box 12
Hadley, MI 48440-0012