



W8LAP/r

146.620 - 100Hz
442.750 + 123Hz

www.w8lap.com

WAVEGUIDE

Lapeer County Amateur Radio Association

October

Published Monthly by the Lapeer County Amateur Radio Association

2008

*The next regular meeting will be held on
Tuesday, October 14 —7:30 p.m.
at the Lapeer County Central Dispatch Center (911)
2332 W. Genesee Street in the basement.*

The Prez Sez:

The Davison Community Enrichment & Recreation, Genesee County Radio Club monthly meeting at DHS (Davison High School) 3rd Tue of month. Classes 9-24, 10-22 for radio license has all ready started. Operation CARE went well. The next test for us is 11-29 in the 911 basement. The election is this month also. Bob N8NE

The Treas Sez:

Greetings to one and all. Our busiest months are behind us now and things will get back on an even keel. September cannot be called a normal month though, as we had a couple of unusual expenses. One rather large expense was for the quantity of ARRL training books that were bought for Rob Bolam to use in his amateur training class, and the other was for a remote link switch for the new Cat Controller. The switch enabled us to link our 2 meter repeater to the North Branch 440 Mhz repeater in a two way link configuration. Also a deposit has been forwarded to the Countryside Banquet Center to reserve for the Annual Christmas Party.

The Christmas party, for you uninformed, is

FREE for any and all dues paid members. It consists of a lavish banquet dinner for the member and his spouse or guest, and a very good chance to have a good time with other fellow hams and their spouse's. So please pay your dues and contact me or Chris Azelton, KC8TWL to make your reservation. Only those with paid dues and a reservation will be able to enjoy this lavish event, paid for with the extra money earned over the summer from the Swap and Shop and Operation CARE.

Remember that October starts our new fiscal year and your 2008-2009 yearly dues are due and payable now.

Thank you and 73 Bill Miller KD8VP Treasurer

The Trustee Sez:

Hello everyone. How many of you have been on the repeaters lately? Have you noticed anything different? The new CAT 1000B Controller is up and running, on the GE Master II transceiver. And doing a wonderful job too. At this point in time we are linked to the W8ECG 443.450 Mhz repeater in North Branch. The link is possible due to the expertise of Perry Gwinn KG8ID and Joe Butterfield KC8CEF and all the money that LCARA put forth toward this project. In addition to

the CAT 1000B controller, and it's associated parts, we purchased (1) CAT RLS1000B Remote Link Switch in a rack mount enclosure, (2) Alinco 220 Mhz transceivers, (2) Cushcraft 224WB four element beam antennas, 200 feet of Belden RG8U Lo Loss Coax, and miscellaneous hardware to install the antennas. Well you were after me to spend some money, and I finally did. In all LCARA has expended over \$2000.00 to modernize the repeater system.

Those of you that live to the North may well do

better by Linking to Lapeer via the W8ECG 443.450 (100hz PL) repeater. You won't know the difference except for better through put. Perry and I have high hopes that by providing this link, both of our repeaters will begin to see more usage, and this link now provides us with coverage that we never had before, well into the next county.

As time goes by more and more provisions of the new controller will be brought on line, and as that happens you will be provided with instructions on how to use them.

Thank you for your patience and 73 for now,
Bill Miller KD8VP Trustee



Both repeaters and the CAT controllers

The Yaesu repeater on top with the CAT controllers below it

The Secretary Sez:

Meeting was called to order at 7:35P.M. with the Pledge of Allegiance to the flag, and introduction of members and guest.
Minutes were read by Flo kc8cab. Accepted by Dan kc1bud and seconded by Bruce n8exn.
Vice President report was given by Chris kc8twl. He has forms for call sign license plates from the Secretary of State. He has set up the Christmas Dinner at Country Side in Imlay City for Dec. 9th - The night of our regular December meeting. If you are a paid up member of the club it is free for you and a guest. To sign up contact Chris kc8twl on the repeater or call him at 1-810-245-0073. That way he will have a count for the number to plan for.
The Presidents report was given by Bob n8ne. The Genesee County Radio Club is meeting on the third Tuesday of the month at Davison High School. They will be giving classes at Davison High School.

The Treasurers report was given by Bill kd8vp. He will have the break down of the swap. He ordered a power strip for the repeater. Bill got the books for Rob n8psp and gave them to him for the classes he will be giving.
Break was from 7:55P.M. to 8:15P.M.
Nomination of Officers:
President: Bob n8ne;
Vice President: Chris kc8twl;
Secretary: Flo kc8cab;
Treasurer: Bill kd8vp;
Repeater Trustee: Bill kd8vp.
Elections are in October. Do not forget dues are due in October.
Emergency Preparedness Day went pretty good. 50/50 was won by Hank k8dd.
Meeting was adjourned at 8:30P.M.

The AEC Sez:

AEC says, The 2008 Simulated Emergency Test is over till next year. No messages were received or passed by us but, at the same time we had a training session on Packet Radio. We all learned how to set it up and operate. a lot of good questions were asked and good answers received. Thanks to all who came out. 73, Tom

From the mailbag:

The following three candidates have been certified for the division Vice Director position:

Johnston, Gary, KI4LA from KY

Meyers, John, NB4K from KY

Romanchik, Daniel, KB6NU from MI

The ballots are in the mail and will contain candidate information.

Please mark your ballot with your choice and return it promptly as instructed.

73, ARRL Great Lakes Division Director: James Weaver, K8JE



The Waveguide staff recommends a vote for Dan Romanchik, KB6NU

Vote Early and Often

By Dan Romanchik, KB6NU

Three years ago, I ran for Vice Director of the ARRL's Great Lakes Division. I showed up at hamfests and club meetings, handing out flyers and pressing the flesh. I lost that election, but I'm running again this year. I have some ideas that I think will make ham radio better, and while I am currently working on many of these, I'm hoping that being on the ARRL's Board of Directors will help me be more effective in my work.

I'm not going to make this column a campaign piece, though. If you want to know where I stand on a particular issue, or more about my qualifications, go to my website, www.kb6nu.com or contact me directly, and I'll chew your ear off. Instead, I thought that I would talk about the ARRL's organizations and how we elect our ARRL representatives.

71 Sections, 15 Divisions

The ARRL has split the country into 71 sections and 15 divisions. Each division contains a number of sections. The Great Lakes Division, the division in which I reside, consists of the Michigan Section, the Ohio Section, and the Kentucky Section. Each of those sections covers the entire state, but many states, such as New York and California, contain several sections.

Each section has a section manager, who is responsible for directing the section's field organization. The field organization includes the

state's emergency communications organization, official observers, and traffic networks. The section manager is elected by the members in a section and is responsible only to the section's members.

On the other hand, each division elects a director and a vice director to serve on the ARRL's Board of Directors. These folks are responsible for setting the policy of the ARRL. The director is the one who actually gets to vote. The vice director is there to stand in for the director, should he or she be unable to make a board meeting, or to serve as director, should a director become incapacitated or resign for any reason. Directors and vice directors have no authority over section managers, although as you might expect, they often work closely together on matters affecting the sections.

There are fifteen divisions. Each division holds an election every three years, and the elections are staggered so that every year there is an election in five divisions. This year, elections are being held in the Atlantic, Dakota, Delta, Great Lakes and Midwest Divisions.

If you are in one of those divisions, I hope that you will look for the ballot that will show up in your mailbox (if it hasn't already), read the candidate's statements, and vote for the one that you think will do the best job. Make your voice heard!

From *The ARRL Contest Update* for October 1, 2008

The Last Analog Cycle

As I was soaking up Phil VK6APH's excellent seminar on Software-Defined Radio at last weekend's TAPR Digital Communications Conference, I was marveling at the inroads digital technology has made in the thoroughly analog kingdom of RF. Many receivers connect the antenna directly to the input of an A/D converter and

nevermore is the analog signal seen until it resurfaces as audio somewhere far downstream for our biological eyes or ears to comprehend. Ah well, no one has digitized propagation yet, although if they had, it would certainly be a '0' at the moment. Where were we at the beginning of Cycle 23? In the mid-1990's, the VK0IR expedition was astounding

DXers around the world that signals from the sub-Antarctic Indian Ocean could be heard at the bottom of the solar cycle. The hottest rigs of the day were pure analog with DSP functions just beginning to appear as audio processing gadgetry. Digitizing the RF spectrum was pretty much a pipe dream outside of military and academic labs. A heavily modified Drake R4C was the top dog in strong-signal amateur receiving.

Enter cellular telephony. Once the province of the hefty "bag phone", what proved to be insatiable consumer demand created economies of scale that drove innovation and miniaturization to a degree unimaginable only a few years before. Within ten years, a handheld 2 GHz phone could fit in a pocket, take pictures, surf the Web (another nascent technology as the cycle turned), and act as a broadband data terminal. Opening up the phone, one would see only a square IC with a whole lot of hair-thin leads and an epoxy block or two of RF circuitry. Thus RF enters the digital age. Limited only by digitization rate, number of bits, and the cleverness of programmers and FPGA vendors, the radio's largest components will soon be the displays that produce digits and characters large enough for our eyes to discern. Unless humans begin to develop built-in data interfaces, anyway.

Certainly, antennas will evade the digital juggernaut for the foreseeable future, but even amplifiers are being carried home on analog shields. High-power

FETs with faster and faster switching speeds are appearing. Soon, instead of arguing about the merits of a vacuum tube in class-AB1 or AB2 operation, the discussion will turn instead to the merits of different magnetic configurations for Class E, F, G, H, Q, X, or Z switchmode amplifiers. Essentially, our amplifiers will become very fast switching power supplies! So will Cycle 24 be the last cycle for analog radio technology? Given the rate of change we've witnessed over the course of Cycle 23, I'm betting that analog radio will be largely found on the same shelf where the 6L6 and modulation transformer now reside. To be sure, there will always be a home for analog technology in amateur radio, but it will no longer be the subject of cutting-edge product reviews and late-night post-meeting discussions before contest season.

With the certain knowledge of the coming changes, it is at our own peril we ignore them. It's time to start paying attention to those tutorial articles, demonstrations, and new product reviews. Radio-the-technology won't displace the enjoyment we receive from radio-the-art. As Cycle 24 emerges, opening bands long closed, we'll find new call signs on the air from unexpected places. Just as surely, we'll also find and enjoy new technology creeping onto our operating desks, replacing equipment long used, bit by bit.

73, Ward N0AX

Ham Radio EmComm

After 15 yrs of being active in EMCOM to one level or another in 5 Sections (now that I live in EPA), and 5 years working as a consultant to emergency response agencies around the country, the keys to achieving that level of cohesion between amateurs and first responders is thus:

1) Knock off the politics. External people see hams as a singularity which they could give three (fill in your favorite expletive here) about what group we are affiliated with. They want someone who can facilitate getting information from point A to point B in an accurate and expeditious manner. If groups act in a way that focuses on the client not the individual with an ego then you succeed.

2) Be reliable. If you say you will do it then do it on time the right way. If you aren't then be up front and explain why there will be a delay. Don't just blow them off. Do this and you succeed

3) Be flexible (Semper Gumby!). If they need someone to tackle a job that might not be talking on the radio but well within our capabilities as technical people then by all means help them. Perfect example is 9/11 in NY City. Ask me about it sometime and you might be surprised what the hams who went there we tasked with in the first weeks

of the operation that had nothing to do with radio. Do this and you succeed.

4) Be willing to play by their rules and to their level of expectation. If you don't like NIMS/ICS guess what, many of them don't either, but it's expected and required. You play by their rules not our rules. The only rules we can enforce are the rules associated withal license. Do this and succeed

5) Treat them like a business client. They are served agencies, i.e. we provide THEM a service. So provide them the services they NEED not what we WANT to. Do this and succeed

5.5) Do it the way they want it. Even if there is a perceived better way to do it - Do it the way they want it. Read 5) again! Do this and succeed.

6) Show up and be counted. If there are meetings or if there are opportunities to lend a hand be that group and offer up a helping hand. this builds rapport and trust. If they trust you and like you they use you. Do this and you succeed

7) Be positive. If you show up and just toss problems at the liaisons then they will toss you. they have enough on their plates without whiny volunteers needing pampering. Show up with your 'A' game and be proactive and engage them with solutions and not problems. Do this and succeed.

Just my 2 cents for people to take or leave it KO1D/3

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This part is background
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On Thursday, September 25, 2008, at 11:44AM, Jkdelli@aol.com wrote I received this info from a Katrina deployed friend from New Mexico. It is in response to several emails that several of us (Katrina Hams)

have been sending to each other since the beginning of this hurricane season. I am sending this partly in response to some of the conversation we had at last night's ARWG meeting. 'Things happen' in New Mexico and they're highly prepared They are motivated and trained.

I don't know how to get this type of response from Pennsylvania officials or our Ham population. We do have a number of motivated Hams in the ARWG that are working hard at achieving results and the region's hospitals seem to be somewhat motivated to use Ham Radio. Jack N3BQB

Upcoming Swaps...And Events...

Coming Events...

October 12—Kalamazoo...26th Annual Kalamazoo Hamfest and Michigan ARRL State Convention. K'zoo Fairgrounds, 2900 Lake St., 8 a.m.– noon, ARRL State Conv. Awards Banquet 1—3 p.m. Adm: \$5 T.I. 147.040 (94.8hz p.l.) Info: www.kalamazoohamfrst.com

October 18—Holland...Great Lakes Super Swap, West Ottawa South Campus, 3600 152nd Ave. 8 a.m.—noon info: www.hollandarc.org

October 26—Sterling Heights...USECA Swap, Polish-American Century Club, 33204 Maple Lane Dr., 8 a.m.—1 p.m. T,I 147.18 (100hz p.l.) adm: 5 info: www.usecaarc.com

November 15-16—Fort Wayne, IN...36th Fort Wayne Hamfest & Computer Expo, Allen Co. War memorial Coliseum Expo Center, 4000 Parnell Ave., Sat. 9-4 , Sun 9-3, adm: \$6, parking \$4 info: www.fortwaynehamfest.com

Volunteer Exam Session

The next ARRL Volunteer Exam (VE) session will be October 11, 2008 at 10:00 a.m. in the 2nd floor meeting room at the Port Huron Branch of the St. Clair County Library, 210 McMorran Blvd, Port Huron, MI.

Pre-registration NOT NECESSARY for all sessions during 2008!

Bring picture ID, the original and a copy of your present license and the original of any Certificate of Successful Completion (CSC) you may hold. The current fee is \$14.00. For further information call Bob Herbert, K8WMW, at 982-1561

Dates for 2008 include: Nov 08, Dec 13

For further information call Bob Herbert, K8WMW, at 982-1561

We, in New Mexico, have for several years trained to be "almost" First Responders. Our local emergency managers tend to use us that way NM ARES had hams at the ICP, EOC, and two shelters about two hours after the recent Ruidoso flash flood (hurricane Dolly) -- the assistant Lincoln County Emergency Manager is a ham, as are a good number of other emergency personnel throughout the state, from the highest level on down. Most of the mobile command posts EOCs, and hospitals throughout the state either have or soon will have ham radios. All three NWS Forecast Offices in our area have ham radios manned when severe weather is expected, and during other events such as wildland fires.

The State Of New Mexico is currently building a \$500 thousand state- wide ham radio repeater system (linkable as needed). My ARES/RACES group is currently using one of these new repeaters on a daily basis for our routine ham communication. This is in addition to our own state-wide system that links over repeaters on a permanent basis.

If there really were only 14 volunteers for Ike, then almost half were from my group. We had 6 NIMS/ICS, ARRL ECC, NMDHSEM qualified hams standing by until day before yesterday, when we received stand-down orders from Dennis Dura, K2DCD, at ARRL HQ.

73, W5ALL, Alfred Chaves Co. ARES DEC / RACES RO

Lapeer County Amateur Radio Association

P.O. Box 12
Hadley, MI 48440-0012

Officers

President, Bob Beswetherick, N8NE . 810-653-3856 Vice-Pres., Chris Azelton, KC8TWL..810-245-0073
Secretary, Flo Haack KC8CAB 810-793-2606 Treasurer, Bill Miller, KD8VP.....810-797-5329

Committees & Appointees.

Club Founder.....Hollis Hayes, W8ACD Club Call TrusteeW8LAP.....Bill Miller, KD8VP
Club Historian.....Charlie Whipp, KC8JBK VE Coordinator.....Al Wilson, N8NPR
Skywarn Coordinator.....Pete Headrick KB8RSG Swap & Shop Chairperson.....Bill Miller, KD8VP
Field Day Chairman.....Bill Miller, KD8VP Meeting Refreshments.....Bill Miller, KD8VP
Two Meter Net Mgr.....Charlie Whipp, KC8JBK Newsletter Editor.....Hank Kohl, K8DD
Public Information Officer.....**It could be you!**

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.

Board of Directors' monthly meetings are held on the first Tuesday of each month at Tim Horton's at 7:30PM (Check on the W8LAP repeaters).

Newsletter

Items for the newsletter may be called to the Editor at 810-721-0708, sent by Mail (Box 88, Attica, MI 48412), or as an ASCII or Word file to k8dd@arrl.net The deadline for submissions is the 20th of each month.

This area is for the article that you were going to write!

For Sale For Sale For Sale For Sale:

For Sale

HW-8 Handbook—covers HW-7, 8 & 9 \$15

COM port boards, ISA, 2 ports \$3.00 ea

Icom 746 not PRO – pair of Inrad 400 Hz filters, W2ENY isolated keying cable, microphone, manuals, box \$800 obo

West Mountain Radio Rigblaster Plus – NEW - \$100

Heil Pro Set w/HC4 Boom mike / Headset - \$60

From the estate of N8CQA:

Central Electronics 10B \$130

Central Electronics 20A \$130

One VFO for above \$75 ea

30M two transistor transmitter in a Hershey cocoa can \$15

All offers will be listened to!

Contact Hank K8DD at k8dd@k8dd.com or 810-721-0708

**Be Radio-Active
Participate**

Upcoming DX

SOUTH SHETLAND ISLANDS. Operator SP3GVX is QRV as HF0POL/LH from a Lighthouse next to the Polish Henryk Arctowski base. QSL via SP3WVL.

WEST KIRIBATI, T30. Toshi, JA8BMK is QRV as T30XX from Tarawa for about ten days. Activity is on 160 to 6 meters using CW, SSB, RTTY and PSK31. QSL direct to home call.

CANADA, VE. All Canadian amateurs are encouraged to participate in the upcoming Special Event Prefixes from October 1 to November 30 to commemorate the founding of the Crown Colony of British Columbia in 1858. They will use the prefixes CJ, CK, CY and CZ.

AUSTRALIA, VK. On behalf of the Wahroonga Amateur Radio Historical Association, Hornsby and Districts ARC members will be QRV as VK2WAH on September 27 to celebrate the 90th anniversary of the first direct radio message from Caernarvon Wales to Wahroonga, NSW. QSL direct.

HONG KONG, VR. Antonio, VR2PW is generally QRV from Lantau Island, IOTA AS-006, on 20 meters SSB just after 1030z. QSL to home call.

ROMANIA, YO. Special event station YR5S is active for a week in celebration of 50 years of the YO5KAP radio club. QSL via YO5NL.

And now One way to find where the DX is operating!

Dx Packet Cluster

The **WA8DX** Spider Packet Cluster node not operational at this time – it is down because of the loss of internet due to the tower being down. It will return by the end of the year. In the meantime you can use **N8NM**.

The **N8NM** Spider Packet Cluster node is available via telnet with your logging program on your computer. At present **N8NM** is receiving DX info via K1XX in Melbourne, FL or N8NM in Waterford, MI.

To connect via the internet, either telnet to **n8nm.servebeer.com** or enter the information into your logging program.

This is a tool you can use to build your DXCC total, see where people are working stations on both HF and VHF,

and even pass messages.

The **WA8DX** 2M port is off the air at this time because it was not getting used. If it comes back, you can use your TNC to connect in the command mode and use **C WA8DX** as the command. Once connected you will get a welcome screen that asks for info. You should start to see DX spots right away.

Although you can stay connected indefinitely, if you decide to disconnect, type **b** or **bye** and you will be logged out.

You can view an online version of a users manual at: www.wd1l.net/DXSpider/usermanual_en.html

Remember...DX Is!

N2CQ QRP CONTEST CALENDAR

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North American Sprint (RTTY) ... QRP Category

Oct 12, 0000Z to 0400Z Rules: <http://www.ncjweb.com/sprintrules.php>  
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SKCC Weekend Sprintathon (Straight Key CW) ... QRP Category

Oct 12, 0000z to 2359z

Rules: <http://www.skccgroup.com/sprint/wes/>
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NAQCC Straight Key/Bug Sprint (CW) \*\*\* QRP Contest \*\*\*

EDT: Oct 14, 8:30 PM to 10:30 PM

UTC: Oct 15, 0030Z to 0230Z

Rules: <http://www.arm-tek.net/~yoel/contests.html>  
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LZ Open 80m Sprint (CW) ... QRP Category

Oct 18, 0000z to 0400z

Rules: <http://www.lzopen.com/lzocc80/index.htm>
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QRP ARCI Fall QSO Party (CW)

\*\*\* QRP Contest \*\*\*

Oct 18, 1200z to Oct 19, 2400z

Rules: <http://www.qrparci.org>  
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Worked All Germany Contest (CW/SSB) ... QRP Category

Oct 18, 1500z to Oct 19, 1459z

Rules: <http://www.darc.de/referate/dx/xedcgr.htm>
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070 Club 160m Great Pumpkin Sprint (PSK) ... QRP Category

Oct 18, 2000 to Oct 19, 0200 (Local Time)

Rules: [http://www.podxs070.com//contests/160m\\_sprint\\_rules08.htm](http://www.podxs070.com//contests/160m_sprint_rules08.htm)  
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Illinois QSO Party (CW/PH)... QRP Category Oct 19, 1700z to Oct 20, 0100z

Rules: <http://www.w9awe.org/ILQP.html>
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RUN FOR THE BACON (CW) \*\*\* QRP CONTEST \*\*\*

EDT: Oct 19, 9 PM to 11 PM

UTC: Oct 20, 0100z 0300z

Rules: <http://fpgrp.net:80/fpqrprun.php>  
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SKCC Sprint (Straight Key CW) ... QRP Awards

Oct 22, 0000z to 0200z

Rules: <http://www.skccgroup.com/sprint/sks/>
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CQ WW DX Contest (SSB) ... QRP Category

Oct 25, 0000z to Oct 26, 2400z

Rules: [http://www.cqww.com/2008\\_rules\\_cqww.pdf](http://www.cqww.com/2008_rules_cqww.pdf)  
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Ten-Ten QSO Party (CW/Digital) ... QRP Category

Oct 25, 0001z to Oct 26, 2359z

Rules: <http://www.ten-ten.org/rules.html>

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MQFD Monthly Sprint (CW/PH/Digital) \*\*\* QRP Contest \*\*\*  
Oct 25, 1800z to 2200z

Rules: <http://w2agn.net/mqfdsprint.html>

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Zombie Shuffle (CW) *** QRP CONTEST ***

Nov 1, Local Sundown to Local Midnight (Any 4 hour period)

Rules: <http://www.zianet.com/QRP/>

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HA-QRP Contest (CW - 80 Meters) \*\*\* QRP Contest\*\*\*

Nov 1, 0000z to Nov 7, 2400z

Rules: <http://www.radiovilag.hu/haqrp2.htm>

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Ukrainian DX Contest (CW/SSB) ... QRP Category

Nov 1, 1200z to Nov 2, 1200z

Rules: http://www.ucc.zp.ua/urdx2007rules_eng.htm

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ARRL Sweepstakes (CW) ... QRP Category Nov 1, 2100z to Nov 3, 0300z

Rules: <http://www.arrl.org/contests/rules/2008/novss.html>

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Daylight Savings Time Ends Nov 2, 0200 AM

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High Speed Club Contest (CW) ... QRP Category

Nov 2, 0900z to 1100z and 1500z to 1700z

Rules: <http://www.dl3bzz.de/html/hsscconte.html>

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Adventure Radio Spartan Sprint (CW) *** QRP Event! ***

Nov 4, 0200z to 0400z (First Monday 9 PM EST)

Info: <http://arsqrp.pbwiki.com/Spartan+Sprints>

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WAE RTTY Contest ... 100W Category

Nov 8, 0000z to Nov 9, 2359z

Rules: <http://www.darc.de/referate/dx/xedcwr.htm>

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Japan International DX Contest (phone)... 100w category

Nov 8, 0700z to Nov 9, 1300z

Rules: <http://jidx.org/jidxrule-e.html>

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OK/OM DX Contest (CW) ... QRP Category!

Nov 8, 1200z to Nov 9, 1200z Rules: <http://okomdx.crk.cz/g.html>

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Kentucky QSO Party (CW/Ph) Nov 8, 1400z to Nov 9, 0200z

Rules: <http://www.wkdx.com>

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SKCC Weekend Sprintathon (Straight Key CW) ... QRP Category

Nov 9, 0000z to 2359z

Rules: <http://www.skccgroup.com/sprint/wes/>

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Thanks to SM3CER, WA7BNM, N0AX(ARRL), VA3JFF & G4GXL (QRP/ARCI)

N2APB (AmQRP), WB3AAL (EPAQRP) and others for assistance in compiling this calendar.

2007-2008 L.C.A.R.A. MEMBERSHIP APPLICATION

PLEASE PRINT:

CALL SIGN: _____ NAME: _____

ADDRESS: _____

CITY ,STATE, AND ZIP: _____

PHONE : _____ LICENSE CLASS: _____

SKYWARN NO.: _____ RACES NO: _____

ARES MEMBER YES___ NO___ E-MAIL ADD.: _____

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

L.C.A.R.A. MEMBERSHIP IS \$12.00 PER YEAR, RENEWABLE EACH YEAR ON **OCTOBER. 1ST.** FAMILY MEMBERSHIP \$20.00. ASSOCIATE MEMBERSHIP \$4.00. IF YOU WISH AN AUTODIAL NUMBER FOR THE REPEATER THERE IS AN ADDITIONAL \$3.00 CHARGE. Financing available.

**Lapeer County Amateur
Radio Association**

P.O. Box 12

Hadley, MI 48440-0012