



W8LAP/r
 146.620 - 100Hz
 442.750 + Open
www.w8lap.com

Waveguide

Lapeer County Amateur Radio Association

February	Published Monthly by the Lapeer County Amateur Radio Association	2007
----------	--	------

*The next regular meeting will be held on
 Tuesday, February 13 —7:30 p.m.
 at the Lapeer County Central Dispatch Center (911)
 2332 W. Genesee Street in the basement.*

The W8RAE Report:

Jan 15, 2007 report –

Bob suffered a brain aneurysm Saturday morning!!!!

According to his son Bobby he is doing fairly well, but is suffering from a very sever head ache. Therefore he is sedated and is resting.

His wife Joann is with him and the doctors say that he will probably stay in the hospital for a week or until the headache goes completely away.

Bob is presently in McLaren Hospital in Flint.

I know that many of you have known Bob for many years and would want to wish him the best, so please keep him in your prayers.

Feb 5, 2007 report –

I just got off the phone with Bob, he is home (since Friday) and if I didn't know better I would say that nothing has happened to Bob. Naturally he is recuperating, and has a problem with him left eye sight, but he is still our beloved Bob. We talked for almost an hour about this that and everything, just like we always did. He has to undergo much therapy for his condition and will be starting that this week.

Jan 24, 2007 report –

Just a note to let you know that Bob Erskine w8rae, is doing much better and is out of ICU. I went to see him today and was surprised at how much better he looks and feels than last Wednesday when I was there. His major problem is the left eye is not working as it is supposed to and that throws his whole body out of kilter at times. He is still a little weak and wobbly, but doing much better. We talked for almost an hour, and he is still the Bob we all knew before the problem developed.

Keep him in your prayers for a speedy recovery, as he is already getting tired of being tied down.

There is still a week to go before the club meeting and it is still up in the air, but I feel that Bob will be there unless he is told not to go. If he feels up to it a means has been presented to get him there since he is not allowed to drive for now.

That's all I have for now, see you at the meeting.

73 Bill kd8vp

The Treasurer Sez:

Winter has finally arrived, but still not enough snow to use my new snow blower. The treasury is in fine shape starting out the new year. I still haven't received the bills for our liability and property insurance, but they are coming this month as in the past. The electric bill for keeping the repeater shack at 40 degrees is running about \$20.00 a month, not bad considering that the phone bill runs about \$35.00 a month and we don't

even use it. I sure wish there was a legal way of getting around even having phone service. But it is not to be, as we need it for legal control of the repeater. Phone patch is just a bonus if we use it. The club did pay for flowers for Bob Erskine W8RAE for his hospital stay. Other than that there were no unusual expenses.

Thanks and 73 Bill Miller KD8VP treasurer

The Trustee Sez:

The GE Master II has been working without a hitch since the repairs, as has the S-Com controller. It gets such little use that it is just sitting there most of the time. Use it people!!!

That brings me to the research into new equipment. I have narrowed it down to two controller company's, Computer Automation Technology, Inc. (CAT-1000B repeater controller) at www.catauto.com and Arcom Communications (RC210 repeater controller) at www.ah6le.net/arcom. How about some of you checking them out on the web and giving me some feedback as to what you think. Perry Gwinn KD8ID of Fostoria, has a 1000B and the Windows software and can

say nothing bad about it. He is going to give me a demo of the software January 27th at the T & C. Join us there and see what you think. Generally speaking those that have responded to my inquiries about both controllers have had good things to say about both, although the 1000B owners seem to rave more.

As a final note, I thought that Nancy WZ8C's presentation on the DX peditionj was a very refreshing program from our normal meetings. I think that we need more programs venturing into other fields of amateur radio.

Until next time 73 Bill Miller KD8VP trustee

The EC Sez:

Greetings all!

Upcoming events:

March 29, 2007: Lapeer Skywarn Training, Lapeer East High School, 7:00 PM. Online registration is available by going to www.w8lap.com and picking on "SkyWarn Registration Form", or going directly to www.lapeercountymd.org and picking on the Skywarn button at the top of the page.

April 14, 2007: IS-100 and IS-700 Class. 9:00 AM at the EOC. (Last chance to get your ARES/RACES card before the SET)

April 21, 2007: "April's Fury" County wide SET

April 28, 2007: March of Dimes Walk in Lapeer. We've been asked to provide communications for their 5 mile walk. Details to follow.

April's Fury

The SET will take place April 21, 2007

This year's scenario will be severe weather with multiple scenes.

This is the opportunity we've waited for, to show what we are capable of. There will be communications issues during the SET and multiple locations where we can be positioned. I ask everyone to mark that date on their calendar and come out and play. We will be scored on the number of people who are able to respond to a physical location.

Other Interesting information: The following is an excerpt of a report that pertains to Emergency Communications. I thought it made interesting reading and illustrated the direction the ARRL was heading.

ARRL Board Accepts National Emergency Response Planning Committee Report

NEWINGTON, CT, Jan 24, 2007 -- The ARRL Board of Directors accepted the *Report of the National Emergency Response Planning Committee* (NERPC) when it met January 19 and 20 in Windsor, Connecticut. Upon dissolving the committee with its thanks, the Board set in motion a process to identify and implement action items in

the report as soon as possible. ARRL First Vice President Kay Craigie, N3KN, chaired the 13-member NERPC, charged last year with developing a comprehensive recommendation to improve the League's response to regional, national and international disasters. Among other things, panel members evaluated the responses and actions of ARRL and the Amateur Radio Emergency Service (ARES) during Hurricane Katrina as well as lessons learned.

"Disaster preparedness is a moving target, moving faster all the time," the NERPC report asserts. "No recommendations, no plans, no systems should be considered as graven in stone and the permanent answers for all circumstances and hazards."

The unprecedented scope of the Katrina response placed ARRL Headquarters into a leadership coordination role through national-level requests for help from served agencies such as the American Red Cross.

The NERPC report noted that while the level of expertise in emergency communications and emergency management among US radio amateurs is growing, so is the expectation that the ARRL provide first-rate leadership and guidance. "If 'lessons learned' are not followed by 'behaviors changed,' then the lessons have not been learned at all," the report concludes.

Among the report's wide-ranging recommendations and suggestions:

- enhance ARRL and ARES training in basic message handling, including nationwide messaging exercises to "challenge the system" and evaluate speed and accuracy.
- develop a continuing education course covering installation, configuration, and use of *Winlink 2000* for e-mail.
- formally establish a national ARES volunteer database for use during major disasters and establish training criteria.
- institute a Major Disaster Emergency Coordinator (MDEC) function to coordinate responses to large-scale national or regional disasters or emergencies.

- become better acquainted with the emergency response needs of distant ARRL sections, such as Pacific, Puerto Rico, Virgin Islands and Alaska.
- improve working relationships with national-level served agencies.
- ensure ARRL staff training in the Incident Command System (ICS) and National Incident Management System (NIMS) and, as necessary, adapt ARRL's emergency response structure to the Unified Command model.
- explore the possibility of providing nationally recognized credentials.
- develop a "Swiss Army Knife" electronic publication that provides resources for ARES and National Traffic System volunteers

In addition, ARRL President Joel Harrison, W5ZN, will appoint an *ad hoc* committee to study issues relating to background investigations as they apply to Amateur Radio volunteers working under League auspices and to recommend a background investigation policy that addresses both the interests of the ARRL and its volunteers. In other matters, the Board adopted five legislative objectives for the 110th Congress that convened this month. The League will:

seek legislation to extend the requirement for "reasonable accommodation" of Amateur Radio station antennas to all forms of land use regulation.

seek legislation requiring the FCC to conduct a comprehensive evaluation of the interference potential of broadband over power line (BPL) system to public safety radio services and other licensed services. Based on that evaluation, the League wants Congress to instruct the FCC to adopt improved rules to prevent deployment of BPL systems with the potential to cause "destructive interference to radiocommunication systems." US Rep Mike Ross, WD5DVR (D-AR), has submitted such a bill, [HR 462](#), in the current session.

oppose legislation that diminishes the rights of federal licensees in favor of unlicensed -- and especially unintentional -- emitters.

From the mailbag:

KB8TXX SK

Hi gang, I was notified today that KB8TXX David Fields has passed away.

Some of you will remember David, he hasn't been a member since 2001. I was notified by WD8DFC Ron Wiedman and he didn't know to many details, but said the obit should be in the paper.

From Barb Hartwig N8NMU our DX member in Kenya, E. Africa.

Dear Bill and Club

Greetings from Kenya/South Sudan. Enclosed is my membership dues, although quite late in arriving. It slipped my mind last October.

So sorry to hear about Bob Erskine. Sounds pretty serious. I got the groups e-mail sent out about it.

This assignment to S. Sudan is pretty challenging. We aim to start the health workers training

seek recognition of Amateur Radio's "unique resources, capabilities and expertise" in any legislation addressing communication issues related to emergencies, disasters or homeland security.

support the complementary legislative objectives of other radiocommunication services, especially public safety and scientific services, as they relate to spectrum access and interference protection.

Legislative relations consultant John Chwat of Chwat&Co told the Board that the congressional shift of control to the Democratic Party will have a significant impact on telecommunications legislation, policy, FCC actions and perhaps even the League. Emergency communication is a hot topic this year, he pointed out, and this could permit the League to take different approaches to issues from those tried in the past.

Net Control Rotation for February:

January 29, 2007: Charlie (KC8JBK)

February 5, 2007: John (KD8AWU)

February 12, 2007: John (KD8AWU)

February 19, 2007: Doug (KC8ZCF)

February 26, 2007: Charlie (KC8JBK)

This schedule can be changed as others are added to the rotation. We are still looking for a few good people who want to join the Net Control rotation. If you're interested, give me a call, send me an email or call me on the repeater. If you volunteer, I'll find you a spot!

Remember, if the repeater should go down in an emergency (even simulated), we will run simplex on the output frequency (146.620 MHz). Keep this in mind as April rolls around.

Till next month, 73 everyone,

Doug Jr., KC8ZCF

center at Doro in June. Meanwhile, I'm working with the water sanitation project in one church area. We'll see how the Lord leads & how the peace treaty holds out.

Another nurse & I rent an apartment here in Nairobi, we both make trips to S. Sudan but at least have this base here.

We use satellite phones in Sudan for all communication, they're pretty good

All for now take care God Bless
 Barb N8NMU

From The ARRL Letter, Vol 26, No 04

==>IT'S OFFICIAL! MORSE CODE REQUIREMENT ENDS FRIDAY, FEBRUARY 23

Circle Friday, February 23, on your calendar. That's when the current 5 WPM Morse code requirement will officially

disappear from the Amateur Radio Service Part 97 rules. Effective that date, applicants for a General or Amateur Extra class Amateur Radio license no longer will have to demonstrate proficiency in Morse code. They'll just have to pass the applicable written examination. Federal Register publication January 24 of the FCC's Report and Order (R&O) in the "Morse code proceeding," WT Docket 05-235, started a 30-day countdown for the new rules to become effective.

"The overall effect of this action is to further the public interest by encouraging individuals who are interested in communications technology or who are able to contribute to the advancement of the radio art, to become Amateur Radio operators; and eliminating a requirement that is now unnecessary and may discourage Amateur Service licensees from advancing their skills in the communications and technical phases of Amateur Radio," the FCC remarked in the Federal Register version of the "Morse code" R&O. The League had asked the FCC to retain the 5 WPM for Amateur Extra class applicants, but the Commission held to its decision to eliminate the requirement across the board. The rules that appeared in the Federal Register constitute their official version

<<http://a257.g.akamaitech.net/7/257/2422/01jan20071800/edocket.access.gpo.gov/2007/pdf/E7-729.pdf>>.

The new rules also mean that starting February 23 all Technician licensees, whether or not they've passed a Morse code examination, will have CW privileges on 80, 40 and 15 meters and CW, RTTY, data and SSB privileges on 10 meters. Once the new rules go into effect Technicians may begin using their new privileges without any further action.

An applicant holding a valid Certificate of Successful Completion of Examination (CSCE) for Element 3 (General) or Element 4 (Amateur Extra) credit may redeem it for an upgrade at a Volunteer Examiner Coordinator (VEC) exam session. A CSCE is good for 365 days from the date of issuance, no exceptions.

For example, a Technician licensee holding a valid CSCE for Element 3 credit would have to apply at a VEC test session and pay the application fee, which most VECs charge, in order to receive an instant upgrade to General.

ARRL Regulatory Information Specialist Dan Henderson, N1ND, cautions that a license upgrade is **not** automatic for those holding valid CSCEs for element credit. "You must apply for the upgrade at a VEC test session, and you may not operate as /AG or /AE until you have upgraded and have been issued a CSCE marked for upgrade," he stresses. "A valid CSCE for element credit only does not confer any operating privileges."

Henderson also advises all radio amateurs to know and fully understand their operating privileges before taking to the airwaves. Some Technician licensees reportedly started showing up on 75 meters December 15 in the mistaken belief that they had gained phone privileges there.

The FCC R&O includes an Order on Reconsideration in WT Docket 04-140 – the so-called "omnibus" proceeding. It will modify Part 97 in response to ARRL's request to accommodate automatically controlled narrowband digital stations on 80 meters in the wake of other rule changes that became effective last December 15. The Commission designated 3585 to 3600 kHz for such operations, although that segment will remain available for CW, RTTY and data. The ARRL had requested that the upper limit of the CW/RTTY/data subband be set at 3635 kHz so there would be no change in the existing 3620 to 3635 kHz subband.

The ARRL has posted all relevant information on these important Part 97 rule revisions on its "FCC's Morse Code Report and Order WT Docket 05-235" Web page <<http://www.arrl.org/fcc/morse/>>.

DXing on the Internet

From: Paul M. Dunphy[SMTP:pduunphy@atcon.com]

One of the Local QRPers was up the hill today, this one looking tattered and torn. He was carrying a D-104 in one hand and the remains of a keyer in the other. There were scratches on his face and one of the sleeves of his shirt was torn clean off. We had to know what was going on, for clearly this QRPer had been in battle! "What happened?", we asked, "you look like you've been in a riot! Were you on 14.010 trying to work the ZL8?" "No!", the QRPer replied, with the cord of his D-104 dangling, "way worse than that! I've been in some pretty bad pileups over the years. Why, I even survived the Bouvet pileup of 1990 with less battle scars. And the VP8SSI battle on 28.495 was bad too. But I never saw anything like this!"

We sat the QRPer down and asked, "What were you trying to work that was so rough? Did someone show up from P5?" The QRPer looked at us for a moment, then replied, "No, nothing like that. I've been on HF for quite awhile and I'm pretty well hardened to the antics that go on during Dxpeditions. I can even work DX on a net without too much damage. But this is the worst I've ever seen!" At this point we didn't know what to do. It was clear the QRPer had been through the mill, but he wasn't about to tell us what happened without some prying and prompting. We were wondering if we had a case of post-traumatic stress disorder . . . was the QRPer suffering from shell shock or battle fatigue? "Tell us what happened", we said, "it looks like you've ran into a case of someone violating The Amateur's Code."

The QRPer looked around a bit and then stood up and said in a shaky voice, "Your darn right, Buster. All six points of it too! Every item defined by W9EEA in 1928." We were astounded! "Where did this happen?", we asked, feeling our anger starting to build, "DXing isn't all robins and roses, and DXers sometimes get overly excited chasing a new one, but to toss away everything in the pursuit of DX! What band? When? Who was the DX?" "No, no, no!", the QRPer replied, "not in a pileup at all! Not on the HF bands. Not on 2-metres. On the internet! I got an internet account and started looking for DX related sites and discussion groups." This was not what we'd expected and we were clearly out of our league. We'd heard a bit about the internet and computers, but we didn't know a lot about either. "What happened?", we asked. "Everything!", the QRPer replied, with sweat breaking out on his forehead, "why it's war on there! Everyone seems to have a surplus flame thrower, grenades and some even plant Claymore mines! I stepped into a discussion on DX and look at me. This is all that's left of my shack! My modem blew up, the computer caught fire and shorted out the power supply on my rig! All I have left is my mike and keyer! And the guys tossing the grenades are the same ones that I used to work on 40-metres who sent "TNX FB QSO ES GUD DX ES BEST TO U ES UR FAMILY 73 73 SK" I just don't understand it! It's like everyone who gets on the internet goes through a personality change!" And with that, he was off down the hill, looking for a used rig so he could get back on 20-metres where it was safe.

Son of a Gun! 20-meters where it was safe? We didn't know much about the internet, but this told us enough! We had come across one of the Eternal Enigmas that even the Old Timer would have trouble explaining. Then it came to us. The Legion of Handwriters had gone 'high tech.' The malcontents had computerized. While the medium may have changed, the message was the same. We hoped it stayed that way too, because we'd been noticing the flux increasing ever so slightly. The Legion of Handwriters were on the internet, the Great Days of DXing were returning and the DX was on HF!

DX IS!

**Be Radio-Active
Participate
Get on the air!**

Dxing and Contesting!

Dxing and Contesting with Hank K8DD and Stan AC8W!

We are off again! This week in Ham Radio (the first week in February) finds Hank K8DD and wife in Port Richey, FL enjoying a wind chill factor that is approximately 70+ degrees warmer than Michigan. Next week will find us in the Orlando, FL area with Stan AC8W and his wife (and two other Hams and their wives (G0BPS and W4DU) for the Hamcation Hamfest. Then, for Hank and Stan, it is a week in Cartahena, Colombia, South America for the ARRL International DX CW contest, some operating on the WARC and other bands before and after the contest and just possibly some sightseeing! Look for us on the bands as HK1/AC8W and HK1/K8DD.

Upcoming Swaps...

BARC Spring Fleamarket	Feb 24 2007	9:00 am	Royal Canadian Legion, 828 Legion Road (west of Discovery Ford) Burlington, ON	VE3RSB 147.210 PL 131.8
Michigan Crossroads Hamfest	Mar 17 2007	8:00 am	Marshall High School, 701 North Marshall Avenue Marshall MI	146.660- 146.52 http://www.w8df.com

Lapeer County Amateur Radio Association

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

Officers

President, Bob Erskine, W8RAE.....248-628-3401
Secretary, Jim Mazzola, KC8YMF.....810-796-2610

Vice-Pres., Chris Azelton, KC8TWL..810-245-0073
Treasurer, Bill Miller, KD8VP.....810-797-5329

Committees & Appointees.

Club Founder.....Hollis Hayes, W8ACD
Club Historian.....Bill Hetchler, KC8SHI
Skywarn Coordinator.....Pete Headrick KB8RSG
Field Day Chairman.....Bill Miller, KD8VP
Two Meter Net Mgr.....Charlie Whipp, KC8JBK
Public Information Officer...

Club Call TrusteeW8LAP.....Bill Miller, KD8VP
VE Coordinator.....Al Wilson, N8NPR
Swap & Shop Chairperson.....Bill Miller, KD8VP
Meeting Refreshments.....Bill Miller, KD8VP
Newsletter Editor.....Hank Kohl, K8DD

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 to k8dd@arrl.net The deadline for submissions is the 20th of each month.

Volunteer Exam Session:

The next ARRL Volunteer Exam (VE) session will be **January 13, 2007** 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 is now required for the future Volunteer Examinations.

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

This year we will be sending the schedule to area clubs, school districts and posting at the Radio Shacks.

2007 sessions will be:

March 10

April 14

May 12

June 10

July 14

August 11

September 8

October 13

November 10

December 8

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

For Sale For Sale For Sale For Sale:

I want to buy your old ham/electronic/tube gear. I'm particularly looking for the Heathkit Mohawk that I built and sold to Dave Burch four decades ago.

Contact Mike, AA8K, at: stepsisters@comcast.net or 810-987-8873

For Sale

HW-8 Handbook—covers HW-7, 8 & 9 \$15

K7QO Code Course CD \$ FREE

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

100' Rohn 45 tower with antennas, house, large garage, dipoles, vertical & wire antennas. Will not split. \$negotiable.

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

My tower and beams are disassembled and on the ground. I would like to sell them as a package or in part. I have a price list below but no reasonable offer will be refused. All you need to do is pick up what you want.

Antenna system:

Cushcraft A3 w/40 meter add on: \$100.00

Hy Gain Explorer 14 tribander: \$100.00

Cushcraft X7 tribander: \$300.00

Tailtwister rotator: \$400.00

Force 12 EF240S 40 meter 2L yagi: \$300.00

WX0B Stackmatch: \$100.00

TH7DX: A few pieces missing \$100.00

Thanks:

John Millett K8JM

(810)-441-5941

**Be Radio-Active
Participate**

N2CQ QRP CALENDAR JANUARY 24 - February 28, 2007

~~~~~  
80 METER FOXHUNT - EACH WEDNESDAY 0200z to 0329z

(Tue 9 PM to 10:29 PM EST)

Info: <http://www.qrpfoxhunt.org/>

---

40 METER FOXHUNT - Each Friday 0200z to 0329z

(Thurs 9 PM to 10:29 PM EST)

Info: <http://www.qrpfoxhunt.org/>

---

NAQCC 160M Straight Key/Bug Sprint \*\*\* QRP CONTEST \*\*\*

EST: Jan 24, 8:30 PM to 10:30 PM

UTC: Jan 25, 0130z to 0330z

Rules: <http://www.arm-tek.net/~yoel/contests.html>

---

CQ WW 160-Meter DX Contest (CW) ... QRP Category

Jan 27, 0000z to Jan 28, 2359z

Rules: <http://www.cq-amateur-radio.com/awards.html>

---

REF (French) CW Contest ... QRP Category

Jan 27, 0600z to Jan 28, 1800z

Rules: <http://www.arrl.org/contests/months/jan.html>

---

BARTG RTTY Sprint Contest

Jan 27, 1200z to Jan 28, 1200z

Rules: [http://www.bartg.demon.co.uk/Contests/07\\_sprint\\_rules.htm](http://www.bartg.demon.co.uk/Contests/07_sprint_rules.htm)

---

UBA DX Contest (Belgian) (SSB) ... QRP Category

Jan 27, 1300z to Jan 28, 1300z

Rules: [http://www.uba.be/hf\\_contests/pdf/ubatest\\_dx.pdf](http://www.uba.be/hf_contests/pdf/ubatest_dx.pdf)

---

QRP BARBERSHOP QUARTET CONTEST (CW QRP)... QRP Contest!

Jan 31, 9 PM to 11 PM EST

Rules: [http://www.io.com/~n5fc/barbershop\\_contest.htm](http://www.io.com/~n5fc/barbershop_contest.htm)

---

Vermont QSO Party (CW/Ph)

Feb 3, 0000z to Feb 4, 2400z

Rules: [http://www.qsl.net/w1bd/qso\\_party.htm](http://www.qsl.net/w1bd/qso_party.htm)

---

10-10 Int. Winter Phone QSO Party ... QRP Category

Feb 3, 0001z to Feb 4, 2359z

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

---

Minnesota QSO Party (All) ... QRP Category

Feb 3, 1400z to 2359z

Rules: <http://www.w0aa.org/>

---

FYBO Winter QRP Field Day (CW/SSB) ... QRP Contest!

Feb 3, 1400z to 2400z

Rules: [http://www.azscqrptions.org/ScQRPion\\_OPERATING\\_EVENTS.htm](http://www.azscqrptions.org/ScQRPion_OPERATING_EVENTS.htm)

---

AGCW Straight Key QSO Party (CW 80M) ... QRP Category

Feb 3, 1600z to 1900z

Rules: [http://www.agcw.org/agcw-con/2006/Englissh/htp\\_e.htm](http://www.agcw.org/agcw-con/2006/Englissh/htp_e.htm)

---

Delaware QSO Party (All) ... QRP Category

Feb 3, 1700z to Feb 4, 0500z

Feb 4, 1300z to Feb 5, 0100z

Rules: <http://www.fsarc.org>

---

North American Sprint (SSB) ... QRP Category

Feb 4, 0000z to 0400z

Rules: <http://www.ncjweb.com/sprinrules.php>

---

QRP ARCI Fireside Sprint (SSB) ...QRP Contest!

Feb 4, 2000z to 2359z

Rules: <http://www.qrparci.org/>

---

Adventure Radio Spartan Sprint (CW) ... QRP Contest!

EST: Feb 5, 9 PM to 11 PM (First Monday each month)

UTC: Feb 6, 0200z to 0400z

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

---

CQ WW RTTY WPX Contest ... Low Power Category

Feb 10, 0000z to Feb 11, 2400z

Rules: <http://www.cq-amateur-radio.com/awards.html>

---

Northern New York Section QSO Party (All)

Feb 10, 0000z to Feb 11, 2359z

Rules: <http://www.arrl.org/contests/months/feb.html>

~~~~~  
New Hampshire QSO Party (Ph/CW/Dig) ... QRP Category

Feb 10, 0001z to Feb 12, 0001z

Rules: http://www.w1fz.org/W1FZ/nhqso_party.html
~~~~~

Dutch PACC Contest (SSB/CW) ... QRP Category

Feb 10, 1200z to Feb 11, 1200z

Rules: <http://www.veron.nl/pacc/rules.html>  
~~~~~

Louisiana QSO Party (Ph/CW)

Feb 10, 1500z to Feb 11, 0300z

Rules: http://www.qsl.net/kd5wdy/LAQSO_/laqso_.html
~~~~~

FISTS Winter Sprint (CW of course) ...QRP Category

Feb 10, 1700z to 2100z

Rules: <http://www.fists.org/sprints.html>  
~~~~~

British Columbia QSO Challenge (CW/Ph/Dig) ... QRP Category

Feb 10, 1600z to Feb 11, 0359z

Rules: <http://www.deltaamateurradio.com/>
~~~~~

North American Sprint (CW) ... QRP Category

Feb 11, 0000z to 0400z

Rules: <http://www.ncjweb.com/sprintrules.php>  
~~~~~

NAQCC Straight Key/Bug Sprint (CW) *** QRP Contest ***

EST: Feb 13, 8:30 PM to 10:30 PM

UTC: Feb 14, 0130Z to 0330Z

Rules: <http://www.arm-tek.net/~yoel/contests.html>
~~~~~

ARRL International DX Contest (CW) ... QRP Category

Feb 17, 0000z to Feb 18, 2400z

Rules: <http://www.arrl.org/contests/calendar.html?year=2007>  
~~~~~

RUN FOR THE BACON (CW) *** QRP CONTEST ***

EST: Feb 18, 9 PM to 11 PM

UTC: Feb 19, 0200z 0400z

Rules: <http://fpgrp.com>
~~~~~

North Carolina Road Kill Round Up (CW) \*\*\* QRP Contest \*\*\*

EST: Feb 21, 9:30PM - 11:00PM

UTC: Feb 22, 02:30z - 04:00z

Rules: <http://ncroadkillroundup.homestead.com/index.html>  
~~~~~

CQ WW 160-Meter DX Contest (SSB) ... QRP Category

Feb 24, 0000z to Feb 25, 2359z

Rules: <http://www.cq-amateur-radio.com/awards.html>
~~~~~

REF (French) SSB Contest

Feb 24, 0600z to Feb 25, 1800z

Rules: <http://www.sk3bg.se/contest/refc.htm>  
~~~~~

UBA DX Contest - Belgium (CW) ... QRP Category

Feb 24, 1300z to Feb 25, 1300z

Rules: http://www.uba.be/hf_contests/pdf/ubatest_dx.pdf
~~~~~

Mississippi QSO Party (Ph/CW)

Feb 24, 1500z to Feb 25, 0300z

Rules: <http://www.arrlmiss.org>  
~~~~~

Colorado QRP Club Winter QSO Party (CW/SSB) ... QRP Contest!

Feb 24, 2200z to Feb 25, 0359z

Rules: <http://www.arrl.org/contests/months/feb.html>

High Speed CW Club Contest ... QRP Category

Feb 25, 0900z to 1100z and 1500z to 1700z

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

2006-2007 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