



W8LAP/r
 146.620 - 100Hz
 442.750 + 123Hz
www.w8lap.com

Waveguide

Lapeer County Amateur Radio Association

September

Published Monthly by the Lapeer County Amateur Radio Association

2010

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

The Prez Sez:

I'm sure most of you have heard by now but the club has a SK. Ed Haack, KC8EGR, passed away on August 14th. Ed was a club member, how many years I don't know. In recent years he enjoyed 2m simplex and working on 10 meters. I recall a sleepless night a few years ago and for some reason I was scanning around 2 meters. There was Ed and 3-4 others on the air at 1:00 am in the morning; a little too late for a normal schedule but its nice to know they were out there.

The funeral was held in Columbiaville and they had a very nice service. There were several club members present

as well. Jamie and I would like to express our deep condolences to Flo. We will definitely miss Ed, his presence on the air, and at the club meetings.

Please don't forget to sign up for your shift for the Labor Day operation CARE. As you know, this activity is extremely important to the club's financial health.

I hope to see all of you at the club meeting on the 14th.

Kevin Boxey
 KB8TAR

The Treas Sez:

Good day to everyone. August has been a very busy month, most of which was related to the swap and shop.

Lots of money left the treasury and a little more flowed back in. That is to say that all the expenses for the Swap and Shop were more than covered and we made a little profit. I have been told that the cost for the building will be going up next year so when I set up the reservation for 2011, I locked in a little bit lower price than will be

available later or next year. I have always reserved a year ahead and it works to our advantage.

In other club related business, I paid the fees for the W8LAP.com web site this month, along with the normal bills for electric and phone to run the computer.

Well until the next time Thank you and 73
 William Miller KD8VP Treasurer

The Trustee Sez:

Hello to everyone. The repeaters are working, are you using them? That is the normal question from most trustee's that I talk to, and I present it to you. Please use the darn things!

I was questioned last club meeting about the interference that occasionally pops up on the 2 meter repeater. Yes there has been some interference. Where is it coming from? Who knows. The only way to find out is for more of you to listen on the input frequency when

you start to hear it on the output frequency. If someone can detect a signal, maybe we can track it down. Let me know what you hear. The only way to stop it completely is to crank up the squelch.

When I do that people complain about not being able to get into the machine very well. Until we can determine the source, I think the best thing to do is ignore it.

That is all for now. Keep in touch.
 William Miller KD8VP Trustee

The Secy Sez:

The meeting was called to order at 7:30 with the Pledge of Allegiance to the Flag and introduction of members and guest.

There was no hospital or upgrade report.

The Secretary's report was given by Flo, kc8cab. Both the June and July were read and approved by Jamie, kc8pmw and seconded by Tom, kd8eoa.

The Treasurer's report was given by Bill, kd8vp. Both the June and July reports was accepted by Ed, w8ncj.

The Trustees report was given by Bill, kd8vp. AEC report ws given by Joe, kd8cil.

Joe gave a copy of list of equipment we got from State and Federal Funds. Joe is trying to figure what it would cost to fix the equipment that is not working.

The President, Kevin, kb8tar gave a slide show on SSTV. Slow scan Television. He said he was on the Search and Rescue on July 31 and August 1 on Norway Lake Road. They found the gentleman they were looking for was found deceased.

Break was from 8:15 to 8:30.

We discussed the swap.

Packet is on 145.76.

Litz does work. It is a long tone zero.

50/50 was won by Dan, kc1bud.

A motion to close the meeting at 8:45 Tom, ks8eoa and seconded by Joe, kd8cil.

Notice from the Secretary: The LCARA Nomination of Officers is in September. The election of Officers is in October. The Club dues are due in October.

The EC Sez:

Well, summers almost through and another August has passed. We had 11 reportable items to ARRL with a contribution of 81 hours of time donated by club members. Thanks to all. September brings the last Operation Care for 2010 and Lapeer County Family Preparedness Day on the 11th on the old courthouse lawn from 9-1. Kevin(kb8tar) and myself'll be setting up a station in front of the steps and NOAA emergency radios will be available for purchase. If you haven't been to one of these events it's worth a couple hours to come out and see all our county has for emergency preparedness. 73 'till next month, Tom

KD8EBY@arrl.net

E.C. Lapeer County, Mi.

ARES/RACES/Skywarn

NAEMT(P) Member

2010 Simulated Emergency Test

October 2-3

The ARRL Simulated Emergency Test is a nationwide exercise in emergency communications, conducted by ARRL Section, District and local Emergency Coordinators, and by Net Managers. Both Amateur Radio Emergency Service® (ARES ®) and the National Traffic System (NTS) are involved. The SET weekend gives communicators the opportunity to focus on the emergency-communications capability within your community while interacting with NTS nets. The main SET weekend to focus on this year is October 2-3, 2010.

During September, the ARRL will be among dozens of organizations and agencies taking part in National Preparedness Month. "The Ready Campaign," produced by the Ad Council in partnership with the US Department of Homeland Security (DHS), is aimed at making citizen preparedness "a priority for every city, every neighborhood and every home" in the US . The ARRL encourages you to consider this year's Simulated Emergency Test and preparations for it as a demonstration of Amateur Radio's readiness and as an active participant in National Preparedness Month.

Purpose of SET

1. To find out the strengths and weaknesses of ARES and NTS, the Radio Amateur Civil Emergency Service (RACES) and other groups in providing emergency communications.
2. To provide a public demonstration--to served agencies such as Red Cross, Civil Preparedness, and through the news media--of the value to the public that Amateur Radio provides, particularly in time of need.
3. To help radio amateurs gain experience in communications using standard procedures and a variety of modes under simulated-emergency conditions.

Format

The scoring format reflects broad objectives and encourages use of digital modes for handling high-volume traffic and point-to-point Welfare reports out of the affected simulated- disaster area. Participants will find SET an opportunity to strengthen the VHF-HF link at the local

level, thereby ensuring that ARES and NTS are working in concert. The SET will give all levels of NTS the chance to handle exercise-related traffic. The guidelines also recognize tactical traffic on behalf of served agencies.

Test messages should carry the word "TEST" before the precedence; that is, "Test Priority" on phone and "TEST P" on cw. The text of such messages should also begin with the words "TEST MESSAGE."

ARES units and other groups are free to conduct their emergency exercises anytime between September 1 and November 30 if an alternative date is preferred. The activity period should not exceed 48 hours.

The ARRL Web Page is a resource available to you as you prepare for the upcoming test. Check the ARRL Field Organization Page on the ARRL Web Site, <http://www.arrl.org/public-service-field-services-forms>, for electronic versions of the SET reporting forms, traffic handling information, and several other items related to public service and emergency communications. Please e-mail your SET summaries to ARRL Headquarters via sewald@arrl.org or ww1x@arrl.org. (If you mail them to ARRL via the postal service, the address is: ARRL Headquarters, 225 Main Street, Newington, CT 06111-1494 .

Preparation is Important

Steps for the Emergency Coordinator

1. Sign up all available amateurs in the area under your jurisdiction and work them into your SET plans.
2. Call a meeting of all ARES members and prospective members to briefly outline (no details!) SET activities, and give general instructions. Do not divulge the exact time or nature of the test to them at this time. This should come as a surprise. Take this opportunity to register new ARES members and get up-to-date information on others. Hold an on-the-air meeting if it's not possible to meet in person.
3. Contact served agencies and explain the intent and overall purpose of the SET. Offer to send test messages to other branches of their agencies, and invite officials to your ARES meetings and SET operating sites.
4. Contact officials of any adjacent communities having no active amateurs and offer to provide representation in amateur networks for them as well.
5. Arrange publicity in consultation with an ARRL Public Information Officer in local newspapers and radio/TV stations by preparing an announcement and/or inviting the press to observe your group's SET operation.
6. Set up liaison with one or more NTS local/section nets (if you don't already have liaison) so you will have an outlet for all messages out of the local area.
7. Formulate your plans around a simulated disaster. Possible "plots" include: a flood, a serious fire, an ice storm, a missing person, a serious accident (automobile, bus, aircraft, for examples), a broken gas line, and so forth. Elaborate on the situation by developing a scenario, but please be realistic.

During the SET

1. Announce the emergency situation. Activate the emergency net. Dispatch mobiles to served agencies.
2. Have designated stations originate messages on behalf of served agencies. Test messages may be sent simulating requests for supplies. Simulated emergency messages (just like real emergency messages) should be signed by an authorized official.
3. Emphasize tactical communications for served agencies.
4. As warranted by traffic loads, have liaison stations on hand to receive traffic on the local net and relay to your section net. You should also be sure that there is a representative on each session of the section net to receive traffic going to the local area.
5. Operate at least one session (or substantial segment of a session) of the local net on emergency-only basis. Or, if a repeater is on emergency power, allow only emergency-powered stations to operate through the repeater for a certain time period.

After the SET

An important post-SET activity is a critique session to discuss the test results. All ARES (and RACES) members should be invited to the meeting to review good points and weaknesses apparent in the drill. Emphasize ways to improve procedures, techniques, and coordination with all groups involved. Report your group's effort using the appropriate forms and include any photos, clippings and other items of interest.

The Role of NTS

The main function of the National Traffic System in an emergency situation is to tie together all of the various local activities and to provide a means by which all traffic destined outside of a local area, section or region can be systematically relayed to the addressee.

Normal NTS routing should be followed. A valid exception is the handling of emergency traffic that should be routed as rapidly and efficiently as possible, bypassing various levels of nets when delivery can be expedited. Another exception is when one station is loaded down with traffic for one region or section. At the discretion of the Net Control Station (NCS), the station may be directed to bypass a normal channel and go directly to a lower (or higher) echelon net.

The interface between NTS and ARES lies in the liaison function between local nets and other NTS nets, particularly at the section level. Responsibility for representation of the local network on the section net lies with the local net manager who may or may not be the EC. Although we usually think of ARES members being the representatives in section nets, it is equally valid to expect NTS personnel to act as liaison to local nets.

At least one net session or substantial segment of a session should be conducted on emergency power. Plan a surprise session or two. Advise the NCS just before net

time. If NCS is unable to operate on emergency power, then someone else must be net control. Only stations operating on emergency power may report in during this time.

Summary

One of the first steps on the way to a successful SET is to try to get as many people as possible involved and especially new hams. In a real emergency, we find amateurs with all sorts of varied interests coming out of

the woodwork. Let's get them involved in SET so they will know more about how emergency communications should be handled. Promote SET on nets and repeaters, and sign up new, enthusiastic radio amateurs. Many of those offering to help will be inexperienced in public-service activities. It's up to you to explain what's going on to them, and provide them with useful roles. They may like it so much that they become a permanent fixture in your ARES or NTS group. For a review of last year's nationwide Simulated Emergency Test, read the article in July, 2010, *QST*, or see the SET announcement in September *QST*.

Lapeer County Amateur Radio Association

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

Officers

President, Kevin Boxey KB8TAR 810-793-4986 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.....
Skywarn Coordinator..... 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-
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 maybe sometimes 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.

From the Mailbag:

Technician Class Study Seminar

Class Fee: \$35.00 includes study manual
Mondays: Oct 11, 18, 25, Nov 1 & 15
Time: 6:30 p.m. to 8:30 pm
Location: Davison High School - Rm 105
Instructor: Amy Pender, WA8MY
Registration Information:
Davison Community Enrichment & Recreation
(810) 591-3531 ext 212

Note: Students pre-registered for class by Oct 1, 2010 will have books available for the first day of class. Instructor uses Gordon West study materials. Registration is open up to and including the first class.

Keep Radio Active!

TRAFFIC HANDLING

"For want of a letter, a word was lost.

For want of a word, a message was lost.

For want of a message, a life was lost."

"Record Message Traffic, by skilled operators, and by RADIO (only)!" It's all about Dependability, Accuracy and Accountability!

NOTE: "Record Message Traffic" means that a record is kept of all traffic you handle, (for at least a period of one year), in the event a question comes up later. It also documents that YOU did your job properly and correctly! (Assuming that you did...of course.)

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EQ SUMMER 2010 NONCOMM CONTEST AND AWARDS PROGRAM ANNOUNCED!

WWINLINC* proudly announces their 2010 contest awards program.

(*World Wide International Network of Landline Idealistic Nerds and Cyberoperators.)

award categories:

wwcce: work 100 counties via email.

wwdxe: work 100 countries via email.

wwccm: work 100 email stations in 100 counties using mobile email. (cell phone texting, "black berries" etc.)

wwdxm: work 100 email stations in 100 countries using mobile email. (cell phone texting "black berries" etc.)

wwdx10-10: work 10 dx email stations 10 times each.

(each e-station must use each of 10 *different* email aliases.)

other rules:

1. no radios (this includes amateur radio, gmrs, frs, cb, etc.) may be used to solicit email contacts.
2. email messages must be printed out and saved for one year in the event the judges wish to verify.
3. 10 bonus points for each email done on a battery or solar powered computer.
4. 1 bonus point for every spam message deleted within 5 seconds.
(spam ads for viagra, vitallus, levitra, hot chicks, and solicitations from the bank of mwogodogdoo, are exempt.)
5. 10 bonus point for every email message that actually has some redeeming value.
6. 1 bonus point off for every misspelled word or use of upper case in first letter of a proper noun.
7. 10 bonus points for every time your computer locks up during an email contact and you reconnect with the other e-station within 10 minutes.
8. cell phone output power for mobile email is limited to 500 milliwatts.
9. no elevated outside or roof-top cell phone antennas.
10. 100 bonus points for non-laptop mobile 110 vac computers with crt using a dynamotor for power.
11. 100 bonus points if you make all contacts on the boss' time and using a company computer.
12. 100 bonus points if the internet goes down while you are online.
13. 100 bonus points if all contacts are made using a "vintage" (over 2 years old) computer.

Winners will received a virtual certificate. (Virtually worthless.) All awards are free and are issued on a first-come-first-served basis. (But please include a \$25.00 processing fee.) Awards and contest period ends 31 December 2010. "Good luck in the contest!"

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WHEN REPEATERS FAIL

Reliance upon repeaters or repeater systems for emergency communications is not wise. It is not uncommon for a repeater to fail, or be knocked out by some external force (e.g.- lightning, high winds, etc.). Repeaters can also be very "political."

their signals. While DXing is an enjoyable pastime, it is rarely needed for emcomm, DON'T RULE IT OUT COMPLETELY FOR PUBLIC SERVICE! The ability to effectively pass traffic over long distances is often important, even lifesaving!

Since the beginning of radio, the focus by most amateurs has been to see how far they can reach out with

HF signals propagate either by a) line-of-sight; b) ground-wave (follows the contours of the earth); or c) sky-wave.

Line-of-sight is usually good for a few miles. *Ground-wave* is usually good from about 20 to 50 miles. NVIS *sky-wave* takes over at about 50 miles, and depending upon the frequency selected is good out to 500 miles. Beyond that, we are in the general area of low-angle DX.

NEAR AND FAR

Very often, a 40 meter signal at mid-day, can be heard near and far, all three types of propagation at the same time! To explain propagation, whether low-angle DX or NVIS, or somewhere in-between, I often use this illustration: Just as a billiard ball can be bounced toward a particular pocket by controlling *the angle* that it hits the bumper of the pool table, so do radio signals "bounce" (actually *refract* is more descriptive) off the ionosphere. Now, envision the earth as a *round pool table* with the ionosphere as the circumference or boundary. This "bumper" is constantly expanding and/or contracting in concentric circles, and varies in density often depending upon the time of day, the season, recent solar activity and/or the sun-spot cycle. This phenomena is a science unto itself and is not the subject here. Just know that for local and regional emcomm, NVIS HF (usually in the 40 and 75/80 meter bands) can provide reliable communications over mountain ranges and under the most extreme conditions. The big advantage is that we are not dependent upon some remote mechanical device.

NVIS MADE SIMPLE

I (and others) have experimented with simple (1/2 wave doublet, G5RV, etc.) wire HF NVIS antennas as low as

[from the Summer 2010 issue of the *EMCOMM Quarterly*]

+++ The New ARRL Web Site +++

As I mentioned last month, the new web site is coming nearer to completion. Difficulties remain with a few features. These are being addressed by Fathom, the web site contractor. Once these problems have been resolved, a few tweaks will probably need to be applied here and there as well. These tweaks are likely to include alterations in page layout and presentation as HQ learns membership preferences.

If you run across a glitch in navigating the site, please take

+++What's On The Air +++

This is not a statement. It is not a question. It is the name of a former magazine about broadcast radio in the US and Canada. It was "The Magazine for the Radio Listener." A non-ham friend loaned me a copy of the April, 1931 issue.

This was issue No. 6 which suggests the monthly magazine was introduced in November, 1930. It was published by the What's on the Air Co., Cincinnati, Ohio.

actually lying on the ground to 3 feet above ground, and they work amazingly well! A lot depends upon ground (earth) conductivity and how far down below the surface the moisture content may be. However, I recommend that any antenna be at least 8 ft. above the ground to prevent someone from tripping over it.

Remember that the higher you elevate a flat (horizontal) antenna (e.g. a simple wire doublet or G5RV) above earth ground, the more the NVIS effect will be lessened. A little height will allow for better line-of-sight and ground-wave propagation. I find that 25-30 ft above the earth works fairly well both near and far. Also the higher you go, the more directional it will be. An Inverted V antenna, at any height, will be less directional, but the NVIS effect will be less than a "flat-top."

Reference: <http://www.emcomm.org/projects/nvis.htm>

OTHER "REPEATER FREE" OPTIONS

Also, to avoid reliance upon repeater(s), don't rule out VHF simplex. Don't believe the myth that VHF is strictly "line-of-sight!" I routinely communicate PTP (Point-To-Point) over 50 miles on 2 meter FM simplex using only a simple ground plane antenna 20 ft. up...and with a mountain range between my station and the other! And over 100 miles routinely using a 13 element Yagi. I also communicate 300 miles on 2 meter SSB and/or CW using a 13 element Yagi (horizontal polarized). A skilled relay operator in the right location doubles these ranges! Also, consider six meters simplex FM, SSB, CW for emcomm.

a few minutes to report it to Katie Glass, KB1ULQ at kglass@arrl.org. It is most helpful to report where you were (the internet address or page name), where you wanted to go and specifically what you did to get there (e.g. clicked on link XYZ) when you ran into the problem. Include any error message (or screen shot of it) you received wherever you ended up, and its internet address. Doing this will give Katie the information needed to get the problem fixed by the correct person in the shortest possible time. Saying, for example, "there is a problem in getting to the membership database" is generally not helpful.

What's on the Air (WOTA) magazine is interesting partly because it attempts to cover nearly everything the listener may want to know about . . . well . . . Listening. This issue devoted a 14" x 11" page to the Federal Radio Commission (FRC). It was written by G. Franklin Wisner, the chief of Press Service of the FRC. The article discussed "Controlling Radio's Traffic Lanes." The FRC recognized that doing this related to ". . . a world problem of momentous proportions" because airwaves are not limited to national borders. Of course, Hiram Percy Maxim, aka

W1AW today, had arranged in 1925 for the founding of the International Amateur Radio Union (IARU) because he recognized the same fact.

In 1931, NBC and CBS existed. WOTA listed their programming as well as contained photos and articles about their personalities. The truly interesting part of the magazine is its listing of all BC stations with power rating of 100 watts and over. Of these, Kentucky had 5 stations,

Michigan had 14 stations and Ohio boasted a great total of 19 stations.

Add tables of stations and frequencies, lists of what programs were on and where, indication of which programs are "chain" (network) programs, and photos and articles on personalities and other topics about broadcast radio and you have 35 pages (with no advertising) for a cost of 35 cents per issue or a whopping \$1.50 per year

From the Monday Night Net Manager

Below is the Monday night ARES net schedule for the second half of 2010. As always, if you know of any stations who would like to participate by doing an occasional net or (better yet) being added to the rotation, please have them contact me.

73,
KC8JBK
Charlie

August 2 2010 KD8HDZ Jack	Sept. 20 2010 KD8EBY Tom	Nov. 8 2010
August 9 2010 KB8TAR Kevin	Sept. 27 2010 KC8JBK Charlie	Nov. 15 2010 KD8HDZ Jack
August 16 2010 KD8EBY Tom		Nov. 22 2010 KB8TAR Kevin
August 23 2010 KC8JBK Charlie	Oct. 4 2010	Nov. 29 2010 KD8EBY Tom
August 30 2010	Oct. 11 2010 KD8HDZ Jack	
	Oct. 18 2010 KB8TAR Kevin	Dec. 6 2010 KC8JBK Charlie
	Oct. 25 2010 KD8EBY Tom	Dec. 13 2010
Sept. 6 2010 KD8HDZ Jack		Dec. 20 2010 KD8HDZ Jack
Sept. 13 2010 KB8TAR Kevin	Nov. 1 2010 KC8JBK Charlie	Dec 27 2010 KB8TAR Kevin

Coming Events...

September 11: GRAHamfest, http://www.w8dc.org/index_swap.htm Wyoming, MI
September 12: Findlay Hamfest, <http://www.kangaus.com/symposium/index.htm> Findlay, OH
September 19: Adrian ARC Hamfest, <http://www.w8tqe.com/hamfest.htm> Adrian, MI
October 17: Kalamazoo Hamfest, <http://www.kalamazoohamfest.com/> Kalamazoo, MI

Remember --- DX is!

Volunteer Exam Session

The next ARRL Volunteer Exam (VE) session will be **September 11, 2010** at 10:00 a.m. in the second floor meeting room at the Port Huron Branch of the St. Clair County Library, 210 McMorran Blvd, Port Huron, MI.

Pre-registration NOT NECESSARY!

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 \$15.00. For further information call Martin Smith, KD8IKN, at 385-5584

Remaining dates for 2010: September 11, October 9; November 13; December 11

Martin, KD8IKN pioneer-2@att.net 810-385-5584

More From the Mailbag:

LCARA is now on Facebook! Logon to your Facebook account and search on "Lapeer County Amateur Radio Association" and become a fan! This is an excellent way to promote the club.

For Sale For Sale For Sale For Sale:

FOR SALE:

Henry 2K HF amplifier, floor model \$800 contact Stan, AC8W (810) 364-6674

For Sale

HW-8 Handbook—covers HW-7, 8 & 9 \$15 (2 left)

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

From the estate of N8CQA:

30M two transistor transmitter in a Hershey Cocoa can , with schematic \$15

10 straight sections of Rohn 45G - used, no rust at all, have most of the bolts in decent shape \$150 per section

1 straight section of Rohn 45G - new never used, with new bolts \$180

1 straight section of Rohn 45G - new, one bottom leg bent in about 1 inch, with new bolts \$150 (\$1600 for all 12 sections)

1 Rotator plate for Rohn 45G \$70 (\$30 with the tower)

3/6 EHS guy wires - about 10 pieces, mostly in the 80 to 100' range -- goes with the 12 sections of tower -- no guy grips

3 anti-climb shields for Rohn 45G \$50 each All three for \$110

Logitech K-1 keyer \$50

Pictures provided on request.

Delivery - I'll drive the first 50 or so miles!

Offers graciously accepted as long as I can laugh!

Hank K8DD 810 721 0708 or 810 334 8533

k8dd@k8dd.com

N2CQ QRP CALENDAR September 2010

Summer FOX Hunt - QRP 20M CW... QRP Contest!

Sept 7, EDT: 9 PM to 1029 PM

Sept 8, UTC: 0100z to 0229z Info:

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

CWops Mini-CWT Test (CW) ... QRP Category

Sept 08, 1100z to 1200z and

Sept 08, 1900z to 2000z and

Sept 09, 0300z to 0400z

Rules: <http://www.cwops.org/onair.html>

FISTS: Get Your Feet Wet Weekend ... QRP Category

Sept 10, 0000z to Sep 13, 0000z

Rules: <http://www.fists.org/getfeetwet.html>

JAY HUDAK MEMORIAL 80M SPRINT (PSK31) ... QRP Category

Sept 10, 2000 Local to 0200 Local

Rules: <http://www.podxs070.com/80-meter-jay-hudak-memorial-sprint>

Worked All Europe DX Contest (SSB) 100W Power Category

Sept 11, 0000z to Sep 12, 2359z

Rules:

<http://www.darc.de/referate/dx/contest/waedc/en/rules/>

Swiss HTC QRP Sprint (CW) *** QRP Contest ***

Sept 11, 1300z to 1859z

Rules: http://www.htc.ch/de/htc_sprint_contest.htm

or: <http://www.sk3bg.se/contest/htcqrpsp.htm>

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Arkansas QSO Party (CW/Ph/Dig) ... QRP Category

Sept 11, 1300z to Sep 12, 0100z

Rules: <http://www.arkanhams.org/ARQsoparty2010.pdf>

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Ohio State Parks On The Air (All) ... QRP Category

Sept 11, 1600z to 2400z

Rules: <http://parks.portcars.org/>

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ARRL September VHF QSO Party (All) Low Power Category

Sept 11, 1800z to Sep 13, 0259z

Rules: <http://www.arrl.org/september-vhf-qso-party>

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Second Class Operator Club Marathon (CW) *** QRP Contest ***

Sept 11, 1800z to 2400z

Rules: <http://www.qsl.net/soc/contests.htm#top>

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QRP ARCI VHF Contest \*\*\* QRP Contest \*\*\*

Sept 11, 1900z to Sep 12, 0400z

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

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

Sept 12, 0000z to 2359z

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

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NA Sprint (CW)... QRP Category

Sept 12, 0000z to 0400z



Rules: <http://www.ncjweb.com/sprintrules.php>  
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 NAQCC Straight Key/Bug Sprint *** QRP CONTEST! ***
 EDT: Sep 15, 8:30 PM to 10:30 PM
 UTC: Sep 16, 0030z to 0230z
 Rules: <http://home.windstream.net/yoel/contests.html>
 ~~~~~  
 Connecticut QSO Party (SSB/CW/Dig) ... QRP Category  
 Sep 18, 0000z to 2359z  
 Rules: <http://www.ctqp.org/Rules.html>  
 ~~~~~  
 Scandinavian Activity Contest (CW) ... QRP Category
 Sep 18, 1200z to Sep 19, 1200z
 Rules: <http://www.sactest.net/>
 ~~~~~  
 CIS DX QPSK63 Contest ... 10W Category  
 Sep 18, 1200z to Sep 19, 1200z  
 Rules: <http://www.cisdxc.srars.org/cisdxc.pdf>  
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 South Carolina QSO Party (ALL) ... QRP Category
 Sep 18, 1300z to Sep 19, 2100z
 Rules: <http://carc.ham-radio-op.net/scqp/scqsoweb.shtml>
 ~~~~~  
 QRP Afield (All) \*\*\* QRP Contest \*\*\*  
 Sep 18, 1500z to Sep 19, 0300z Rules:  
<http://newenglandqrp.org/afield>  
 ~~~~~

Washington State Salmon Run (CW/SSB) ... QRP
 Category
 Sep 18, 1600z to Sep 19, 0700z
 Sep 19, 1600z to Sep 19, 2400z
 Rules: <http://www.wwdxc.org/>
 ~~~~~

Feld Hell Club Sprint (Feld Hell) ... QRP Category  
 Sep 18, 1600z to 1800z assistance in compiling this  
 calendar.  
 Rules: <http://sites.google.com/site/feldhellclub/Home>  
 ~~~~~

NA Sprint (SSB)... QRP Category
 Sep 19, 0000z to 0400z
 Rules: <http://www.ncjweb.com/sprintrules.php>
 ~~~~~

RUN FOR THE BACON (CW) \*\*\* QRP CONTEST \*\*\*  
 EDT: Sep 19, 9 PM to 11 PM  
 UTC: Sep 20, 0100z 0300z  
 Rules: <http://www.fpgrp.com/>  
 ~~~~~

SKCC Sprint (Straight Key CW) ... QRP Awards
 Sep, 22, 0000z to 0200z
 Rules: <http://www.skccgroup.com/sprint/sks/>
 ~~~~~

CQWW RTTY DX Contest ... <150w Category  
 Sep 25, 0000z to Sep 26, 2400z  
 Rules: <http://www.cg-amateur-radio.com/RTTYDXContest.html>  
 ~~~~~

Texas QSO Party (All) ... QRP Category
 Sep 25, 1400z to Sep 26, 0200z
 Sep 26, 1400z to Sep 26, 2000z
 Rules: <http://www.txqp.org/>

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 AGCW VHF/UHF CW Contest ... QRP Category  
 Sep 25, 1400z to 1759z Rules:  
[http://www.agcw.org/en/?Contests:VHF-UHF\\_Contest](http://www.agcw.org/en/?Contests:VHF-UHF_Contest)  
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 N2APB (AmQRP), WB3AAL (EPAQRP) and others for
 assistance in compiling this calendar.

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

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