



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

WAVEGUIDE

Lapeer County Amateur Radio Association

September	Published Monthly by the Lapeer County Amateur Radio Association	2007
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***The next regular meeting will be held on
 Tuesday, September 11 –7:30 p.m.
 at the Lapeer County Central Dispatch Center (911)
 2332 W. Genesee Street in the basement.***

**Election of officers for the club will be held at the September meeting.
 Even if you don't want to run for an office, come and help select the new officers.**

The Prez Sez:

Hi Everyone I did NOT labor on the third of Sept. What I did do was to forget the net on that day must be an age thing!! I am hoping to complete the tower project by the end of October wish me luck! To all of you who have helped out at any of the clubs income projects or any of the sky warn events. Thank You.. Be sure to attend

the September meeting and support the candidates for LCARA officers. They will welcome your help. It is, after all, **YOUR CLUB!** The more everyone joins in the Job becomes easier. See you no SEPT. 11
 73 Bob W8RAE

The Treas Sez:

Greetings to everyone, I trust that you are having a good summer. Fall is almost upon us, so get your antenna's up and operating before winter. This past month has been a very busy one for the treasurer. The Eighth Annual Ham Swap was a great success, we managed to cover our cost and end up with some left over for the operating funds.
 All the usual bills were paid and nothing out

of the ordinary was paid except for the bill for the W8LAP web hosting. That bill was \$95.40, which seems like a lot of money, but what do I know about it?
 I want to take this time to THANK all those people who helped out on the swap. Without all the volunteers we could not have the swap.
 THANK YOU.
 Bill Miller KD8VP

**Election of officers for the club will be held at the September meeting.
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The EC Sez:

Happy September!

The big news for this month's article are the following emails I got following the Hadley Tornado:

From: Mary Stikeleather

Sent: Monday, August 27, 2007 8:35:40 AM

To: Donner, Doug

Subject: RE: Storm Friday

Great job Doug! These kind of comments will definitely get RACES used a lot more! Congrats!
Mary Stikeleather.

From: Jeffrey Satkowski

Sent: Friday, August 24, 2007 9:49 PM

To: Donner, Doug

Cc: Mary Stikeleather; Victor Martin

Subject: Storm Friday

Doug,

I was at home and had several radios/scanners going during the storm and one of them I had the Skywarn frequency on. I just want to say what a great job you and all the Skywarn/HAM operators have done in informing those that tune in about the weather events as they happen. I also had Genesee and Lapeer County dispatch's going and ya'll were getting accurate reports in before the NWS got them to the dispatch centers.

I also heard that the CERT team was dispatched out; great work!

Please pass my thanks on to everyone,

Jeffrey Satkowski

Systems Administrator

Lapeer County Central Dispatch

Congratulations to all the operators on the net and to Tom (KD8EBY) who was also running his first Skywarn Net. This is also an indicator that the things we do get noticed by a lot of people.

Upcoming events:

September 8th: 2nd Annual Family Preparedness Day at the old court house. Come out and enjoy the fun. We have space on the court house steps for a couple of operators. Come out, throw up an antenna and let's show off Amateur Radio. 9:00 AM till 1:00 PM

October 6th: ARRL SET and Show-n-Tell. This year's annual event will be used as a showcase for some of the people we work for who want to better understand our abilities. We'll be playing HF (hopefully code as well), and with the 220 MHz packet as well as 2m simplex.

November 1st – 7:00 PM to 8:30 PM: Winter Spotter class. Two years ago, 50% of the class were hams, lets surpass that this year and be even better prepared

Well, that's it from here.

Till next month,

73 everyone,

Doug Jr., KC8ZCF

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From Operation C.A.R.E.:

I want to thank all the regulars who as usual help to make Operation CARE a success. Also to everyone who spent multiple shifts on "the hill" so we wouldn't have to shutdown too early. To all, please think about helping next year, this helps our club by paying for our electricity & phone, plus the "FREE" dinner at Christmas everyone seems to show-up for and enjoy.

73 Hope to see more volunteers for next years Operation CARE.

Thomas Oliver KD8EBY

Co-ordinator L.C.A.R.A. Operation CARE

From the mailbag:

A discussion about Scanners and radios that receive law enforcement frequencies came up at the Labor Day Operation CARE. In the past it was legal for licensed Amateur Radio Operators to be in the possession of a scanner in their automotive vehicle or if you had an MSP permit. That has changed!

NEW LAWS

Scanner statute: **Effective May 31, 2006**, Act 39 PA 2006 amended section 750.508, eliminating the requirement to obtain a MSP permit to have a police scanner in a vehicle. The bill also amended the statute so that the possession of a police scanner in a vehicle is only illegal if used in the commission or attempted commission of a misdemeanor that is punishable by imprisonment of at least 93 days or a misdemeanor or felony that is punishable by imprisonment of 1 year or more.

[From the **Commercial Motor Vehicle Enforcement Quarterly April 2006** page 5 published on http://www.michigan.gov/documents/April_2006_157227_7.pdf]

Looking for some help!

Blue Water Ramble

For the last several years, at least a dozen that I know of, the Port Huron Area Repeater Team has provided communications for the Blue Water Ramble bike tour. [Actually it is closer to 20! -ed] The event features 40, 60, 80 and 100 mile courses for the riding public and includes a portion that runs to Brander Park in Ontario. It stretches from Keewahdin Rd on the north to Algonac on the south. The event is sponsored by the Clinton River Riders.

There are at least 6 radio positions that will need operators from about 6AM (for the earliest) to nearly 6PM. Some amateurs will work the Canadian side of the river. A mobile 2m with a

mag mount antenna and cigarette lighter plug for power is the suggested equipment.

Some volunteers will be utilized on the SAG (Service and Gear) vans. We are adding at least one fixed net control position to this years coverage to guarantee land-line access in an emergency.

The date of the ride is October 7. There will be a pre-event meeting on Sept 25. Please check your calendar and advise if you would like to help out.

Bob, K8WMW
(k8wmw@arrl.net)

It's that time of the year again Contest season is about to start up and here is one view on contesting from QST author Ward Silver, N0AX .

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CONVERSATION
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One On One, Part OneHere comes contest

season and with it our weekends at the controls, scouring the bands for contacts far and wide. It's an amazingly good time and a bit of a wonder that more hams don't give it a try.

Contesting is not only fun for existing hams, but in a hobby-service that seems to be so hard to explain to non-hams, contesting seems to be one of the easier activities to understand. Therein lies special value that testers can bring to the advancement of the Amateur Service, ensuring that it remains healthy and vital for the next generation.

Technicians and new Generals (and Extras!) are about to have their first opportunity to experience the fall contest conditions we anticipate all year long. World Wide, Sweepstakes, 160 Meter, 10 Meter (and more) are all available for these folks to get on the air and try out their new privileges. But will they?

They certainly won't if they don't know about contesting. And they probably won't if they feel intimidated or ignorant. Furthermore, at the bottom of the solar cycle, the excitement of 10 meters is a few years away. Without some education, these new folks - our potential replacements - may decide that HF isn't all that much fun.

Even if informed, it's not a slam dunk that new hams will immediately "get" contesting. As we all know, HF operating and particularly contesting, is very, very different from VHF/UHF FM. Everything from how a signal sounds to how fast one talks is different. Having a good experience in contesting requires some basic skills that the new hams probably haven't yet learned. Remember YOUR first contest QSOs?

Maybe you'd rather not! It takes one-on-one teaching and Elmering to get those new hams up to speed where they can participate and enjoy contesting on their own.

Contesting is an exciting, engaging, relatively easy to understand activity that every ham can enjoy, if only as a means of learning and training. We can take the initiative, beginning with contacting some of those new hams and recent upgrades.

Identify the new hams. Use the FCC's Universal License Service's (<http://wireless.fcc.gov/uls>) search function to

identify new amateur license grants (type HA) and upgrades in your area. Buy a stack of 23-cent post cards from the USPS. Load them into a printer and print out the mailing addresses.

Contact the new hams and invite them to a meeting, a demonstration, or a "welcome new hams" open house at one or more stations. Activity in the North American Sprint contests took a jump after some regular Sprinters took it upon themselves to mail post cards to new calls seen in logs and invite them to join the fun. Every contest club can do exactly the same thing.

Follow up with a phone call or email when you can. Think back to your first days of ham radio. Unless you had an Elmer or at least a peer group, would you have felt comfortable showing up at a meeting where you knew no one or going to someone's open house? It takes personal contact and reassurance to help a new ham into the tribe.

Now Elmer them! A small investment of time, spread out across club members or a group of operators will pay big dividends in the future.

Show them how, just like someone did for you. Create short operating events within existing contests for them. Show them how to put up their own station at home or in a vehicle. Make sure every single person that comes in the door gets some personal contact and an invitation.

Not all of these neophytes will become even casual testers - most won't, in fact. But all of them will feel a little more connected to the rest of our tribe. From the time a new ham receives a license, the first six months to a year determine whether they will stay with ham radio or drop it. Current statistics show that more than half of new hams, after doing all the work to study and pass the exam, never make one single QSO! Not one! What a tragedy, doubly so because

it's completely preventable and within our means to prevent. All it takes is contact.

In the next issue, I'll toss out some ideas for how the contest community can engage in outreach to those not yet hams. There are literally millions of potential hams "out there" that know little or nothing of the entire Amateur Service, not to mention contesting.

We're pretty good at making contacts...aren't we?

73, Ward N0AX

From the Contest Rate Sheet August 22, 2007

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Something interesting that was in the latest CQ magazine. Over the past 10 years the logs submitted by hams to the major contests are UP nearly 70%. Does that mean more hams are contesting? Probably. True it is easier now than ever to submit a log. Just make a Cabrillo file from your logging software and attach it to an email to the contest sponsor. If any help is needed on how to contest, how to log on a PC, how to submit a log ..... Contact Hank K8DD ([k8dd@arrl.net](mailto:k8dd@arrl.net)) for information.

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**Upcoming Swaps...**

September 8 –**Barrie, ON**-Barrie Hamfest, Oro Medonte Fair Grounds

September 8 –**Grand Rapids**- Grand Rapids ARA, Kent Co. Fairgrounds

September 9 –**Findlay, OH**-Findlay Hamfest, Hancock Co. Fairgrounds. <http://www.w8dc.org/swap.htm>

September 15-**London, ON**-London Vintage Radio Club Annual Hamfest 2007. Hammond Museum of Radio, Guelph ON

September 16 –**Adrian, MI**-Adrian Amateur Radio Swap, Lenawee Co. Fairgrounds. <http://www.w8tqe.com>

September 16 –**Owosso, MI**-Shiawassee Trunk Sale Hamfest, Bennington Twp. Hall

September 22/23—**Cleveland, OH**—ARRL Great Lakes Division Convention in Independence, Ohio. This is in conjunction with the Cleveland Hamfest which takes place Sunday, September 23, 2007 just a short ride from the Convention location.

September 23 –**London, ON**-London Hamfest, western Fairgrounds

**Volunteer Exam Session:**

The next ARRL Volunteer Exam (VE) session will be **September 8, 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 required for all sessions during 2007! Call K8WMW at 982-1561 no later than the Tuesday prior to the session.**

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

*2007 sessions are be:*

*September 8*

*October 13*

*November 10*

*December 8*

*Bob, K8WMW*

# WINTER SPOTTER TRAINING

# WINTER SPOTTER TRAINING WORKSHOP

**Thursday, November 1st 7-8:30 PM**  
County of Lapeer Annex Building

**287 W. Nepessing Street, Lapeer**

## LEARN MORE ABOUT:

- Four Season Spotting including snow, ice, floods, non thunderstorm high winds, and dense fog
- Measuring snowfall
- Estimating ice accumulation
- Estimating wind speeds
- Winter weather definitions, NWS watches, warnings and advisories
- Winter weather safety
- Review Historic Southeast MI Storms
- 2007-2008 Winter Outlook

*Hosted by the  
National Weather Service and the  
Lapeer County Office of Emergency Management*  
**NO RESERVATIONS REQUIRED. FOR MORE  
INFORMATION, CALL 810-667-0242**

## 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.....**It could be you!**

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

This area is reserved for the article you were going to write.

## For Sale For Sale For Sale For Sale:

For SaleCushcraft 17B2 long boom 17 element 2 meter yagi. Missing ½ of an element \$100

Dave K8BRN

(810)241-3840

[k8brn@qrz.com](mailto:k8brn@qrz.com)

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](mailto:stepsisters@comcast.net) or 810-987-8873

For Sale

HW-8 Handbook—covers HW-7, 8 & 9 \$15

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.

From the estate of N8CQA:

Central Electronics 10B \$130

Central Electronics 20A \$130

One VFO's for above \$75 ea

All offers will be listened to!

Contact Hank K8DD at [k8dd@k8dd.com](mailto:k8dd@k8dd.com) or 810-721-0708

**Be Radio-Active  
Participate**

**Elections of officers for the club will be held at the September meeting. Even if you don't want to run for an office, come and help select the new officers.**

**Hints, Kinks, Tips and otherwise useful information  
from the ARRL Contest Rate Sheet for August 22, 2007  
*HINTS and KINKS...***

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NEWS, PRESS RELEASES, AND GENERAL  
INTEREST

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IEEE members recently learned of a new technical reference search engine, Scitopia (<http://www.scitopia.org>). It has a Google-like interface, but search results are from technical sites. Thus, a search including the word "propagation" is more likely to provide links of interest to hams, rather than gardening.

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It's time to update your CTY files because Bosnia and Herzegovina have been granted the prefix block E7A-E7Z by the ITU. This replaces the T9A-T9Z block in current use. (Thanks, Jim AD1C)

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There is an excellent article "How to survive almost anything/Why smart people make dumb mistakes" (<http://tinyurl.com/2arm5k>) on page 44 of the August 2007 issue of National Geographic Adventurer. It discusses why people who should know what they are doing in dangerous situations make mental errors and have accidents. Any of us that do antenna work could take a look. (Thanks, Rick N6RK)

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Pat N0HR has written a very useful piece of software called HamLinks. It's a browser toolbar focused on ham radio that works with both popular 'net browsers running in the Windows environment. It's downloadable for free ([http://www.n0hr.com/Ham\\_Radio\\_Toolbar.htm](http://www.n0hr.com/Ham_Radio_Toolbar.htm)), installs and uninstalls easily, and gives hams quick access to ham content on the Web, such as product reviews and for sale sites. It also links to RSS blog feeds, a UTC clock, WWV propagation info, ham radio podcasts and more.

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SIGHTS AND SOUNDS

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Here are some action photos (<http://www.umich.edu/~umarc/projects/towerConstruction.html>) of the new University of Michigan W8UM roof-top tower, installed in July. The tower is 40 foot of Rohn 55G on top of the 60 ft tall Electrical Engineering and Computer Science (EECS) building.

Another view from elsewhere on campus

("It is Huge!"). The club hopes it will serve as our most valuable visual recruiting tool, enticing students into the W8UM shack. (Thanks, Chris KA8WFC)

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From Tim K3LR. "When cutting ¼-wavelength sections of transmission line, in many cases you really want to cut your lines higher in frequency than where you ultimately want them to operate. Why? Any lead length to antenna elements or internal switch (relays) etc. is in series with your phasing lines and is additive and lengthens the "real" line length. This "extra length" lowers the frequency at which your line is 1/4 wavelength (or 1/2, 3/4, etc.). For every "inch" of "extra" lead length, PC board trace or relay RF wiring, here is what happens:

On 160 meters the shift is 1 kHz lower in frequency.

- On 80 meters the shift is 4 kHz
- On 40 meters the shift is 17 kHz
- On 20 meters the shift is 65 kHz
- On 15 meters the shift is 150 kHz
- On 10 meters the shift is 270 kHz"

You can measure the extra length of line by using an SWR analyzer with the accessory equipment, such as a switch, attached to the

line. This is also a consideration when constructing a switched stub.

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Bill N1HWC found an attractively-priced source (<http://www.wescodirect.com>) for brightly-colored guy marker tubes that slide over guy wires. You've seen them on utility pole guys—they help keep folks from running into the wires. No need to buy a case of 25 as this company sells in unit quantities.

Tim K3HX noticed a "thing" (that's a technical term) in the Tek Supply catalog (<http://www.teksupply.com>) which may make for a decent boom-mast clamp device for short-term use. Enter 105108 in the part number window to see it. There are a number of variations on it, all relatively inexpensive.

...tnx ARRL Contester's Rate Sheet, August 22, 2007

## ***Upcoming DX!***

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

### ***Dx Packet Cluster***

The **WA8DX** Spider Packet Cluster node is available on **144.970**. At present **WA8DX** is receiving info via K8SMC in Jackson or N8NM in Waterford.

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.

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](http://www.wd1l.net/DXSpider/usermanual_en.html)

## ***Remember...DX Is!***

**Elections of officers for the club will be held at the September meeting.  
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## **N2CQ QRP CONTEST CALENDAR**

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N2CQ QRP CONTEST CALENDAR  
September 2007

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Summer FOX Hunt - QRP 20M CW  
UTC: Every Fri thru Sept 7, 0100z to 0229z  
EDT: Every Thur thru Sept 6, 9 PM to 1029 PM  
Info: <http://www.qrpfoxhunt.org/>

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Wake-Up! QRP Sprint (CW) \*\*\* QRP Contest \*\*\*  
Sep 01, 0400z to 0600z

Rules: [http://www.qrp.ru/sprint\\_e.htm](http://www.qrp.ru/sprint_e.htm)

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IARU Region 1 Fieldday (SSB)... QRP Category  
Sep 01, 1300z to Sep 02, 1259z

Rules: <http://www.sk3bg.se/contest/iarur1fd.htm>

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AGCW Straight Key Party (CW - 40 Meters) ... QRP Category  
Sep 01, 1300z to 1600z

Rules: [http://www.agcw.org/agcw-con/2007/Englisch/htp\\_e.htm](http://www.agcw.org/agcw-con/2007/Englisch/htp_e.htm)

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Michigan QRP Labor Day Sprint (CW) \*\*\* QRP CONTEST! \*\*\*  
Sep 03, 2300z to Sep 04, 0300z

Rules: <http://www.qsl.net/miqrclub/contest.html>

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Adventure Radio Spartan Sprint (CW) \*\*\* QRP CONTEST! \*\*\*  
Sep 04, 0100z to 0300z (First Monday 9 PM EDT)

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

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FISTS G3ZQS Memorial Straight Key Contest ... QRP Category  
Sep 07, 2300z to Sep 09, 2300z

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

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Worked All Europe DX Contest (SSB) 100W Power Category  
Sep 08, 0000z to Sep 09, 2400z

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

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Swiss HTC QRP Sprint (CW) \*\*\* QRP Contest \*\*\*  
Sep 08, 1300z to 1900z

Rules: [http://www.htc.ch/de/htc\\_sprint\\_contest.htm](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/SSB/PSK31) ... QRP Category  
Sep 08, 1400z to Sep 09, 0600z and

Sep 09, 1500z to Sep 09, 2400z

Rules: <http://www.arkan.us/>

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ARRL September VHF QSO Party (All) Low Power Category  
Sep 08, 1800z to Sep 10, 0300z

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

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Second Class Operator Club Marathon (CW) \*\*\* QRP Contest \*\*\*  
Sep 08, 1800z to 2400z

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

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NA Sprint (CW)... QRP Category  
Sep 9, 0000z to 0400z

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

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Tennessee QSO Party (SSB/CW/Dig) ... QRP Category  
Sep 9, 1800z to Sep 10, 0100z

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

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End of Summer Digital Sprint \*\*\* QRP Contest \*\*\*  
Sep 9, 2000z to 2359z

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

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SKCC Sprint (Straight Key CW) ... QRP Awards  
Sep 12, 0000z to 0200z

Rules: <http://skccgroup.com/sprint/sprint-rules.htm>

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FISTS: Get Your Feet Wet Weekend ... QRP Category  
Sep 14, 0000z to Sep 17, 0000z

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

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AGB NEMIGA Contest (80M CW/SSB) ... QRP Category

Sept 14, 2100z to 2400z

Rules: [http://www.qsl.net/eu1eu/agb\\_nemiga.htm](http://www.qsl.net/eu1eu/agb_nemiga.htm)

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PODXS 070 Club 80m Autumn Sprint (PSK31) ... QRP Category

Sep 14, 2000 Local to 0200 Local

Rules: [http://podxs.com/html/070\\_club.html](http://podxs.com/html/070_club.html)

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Scandinavian Activity Contest (CW) ... QRP Category

Sep 15, 1200z to Sep 16, 1200z

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

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South Carolina QSO Party (ALL) ... QRP Category

Sep 15, 1300z to Sep 16, 2100z

Rules: <http://www.kf4ghc.net/>

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QRP Afield (All) \*\*\* QRP Contest \*\*\*

Sep 15, 1500z to 2100z

Rules: <http://newenglandgrp.org/>

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Washington State Salmon Run (CW/SSB) ... QRP Category

Sep 15, 1600z to Sep 16, 0700z

Sep 16, 1600z to Sep 16, 2400z

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

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NA Sprint (SSB)... QRP Category

Sep 16, 0000z to 0400z

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

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

EDT: Sep 16, 9 PM to 11 PM

UTC: Sep 17, 0100z 0300z

Rules: <http://www.gentzow.com/fpgrp/>

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NAQCC Straight Key/Bug Sprint \*\*\* QRP CONTEST! \*\*\*

EDT: Sep 19, 8:30 PM to 10:30 PM

UTC: Sep 20, 0030z to 0230z

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

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Scandinavian Activity Contest (SSB) ... QRP Category

Sep 22, 1200z to Sep 23, 1200z

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

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AGCW VHF/UHF CW Contest ... QRP Category

Sep 22, 1600z to 2100z

Rules:

[http://www.agcw.org/agcw-con/2007/Englisch/agcw-d10\\_e.htm](http://www.agcw.org/agcw-con/2007/Englisch/agcw-d10_e.htm)

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

Sep 23, 0000z to 2400z

Rules: <http://www.iglou.com/sonic//skcc/wknd-sprint-rules.html>

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Fall QRP Homebrewer Sprint (CW/PSK31) \*\*\*QRP CONTEST\*\*\*

Sep 24, 0000z to 0400z

Rules: <http://www.njgrp.org/data/qrp-homebrewersprint.html>

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CQWW RTTY DX Contest ... <150w Category

Sep 29, 0000z to Sep 30, 2400z

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

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Texas QSO Party (All) ... QRP Category

Sep 29, 1400z to Sep 30, 0200z

Sep 30, 1400z to Sep 30, 2000z

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

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TOEC WW Grid Contest (CW) ... QRP Category

Sep 29, 1200z to Sep 30, 1200z

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

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FISTS Coast to Coast Contest ... QRP Category

Sep 29, 1800z to Sep 30, 1800z

Rules: [http://www.tomochka.com/k7fff/fnw\\_c2c06.html](http://www.tomochka.com/k7fff/fnw_c2c06.html)

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MQRD Monthly Sprint (CW/PH/Digital) *** QRP Contest ***

Sep 29, 1800z to 2200z

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

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Thanks to SM3CER, WA7BNM, N0AX(ARRL),N2APB, WB3AAL and others

for assistance in compiling this calendar.

If you wish to subscribe to the Calendar,

send an e-mail to [N2CQ@ARRL.Net](mailto:N2CQ@ARRL.Net)

Please forward the contest info you sponsor to [N2CQ@ARRL.NET](mailto:N2CQ@ARRL.NET) and we will post it and give it more publicity.

Anyone may use this "N2CQ QRP Contest Calendar" for your website, newsletter, e-mail list or other media as you choose.

(Include a credit to the source of this material of course.)

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Ken Newman - N2CQ

[N2CQ@ARRL.NET](mailto:N2CQ@ARRL.NET)

N2CQ QRP Contest Calendar Links:

<http://www.n3epa.org/Pages/Contest/contest.htm>

<http://www.amgrp.org/contesting/contesting.html>

**Did you know that the election of officers for the club will  
be held at the September meeting.  
Even if you don't want to run for an office, come and help  
select the new officers.**

And ..... show up – you could be elected in absence.