



THE COUNTY LINE ROADRUNNER

Published Monthly by the Mobile Amateur Radio Awards Club, Inc.



Volume XLVI

November 2016

Number 11

President's QTC

WOW! As I write this article October is almost over and we're 'falling' into November. This is my favorite time of the year.

Most of the known outstanding issues have been resolved and MARAC is once again on solid footing. Second quarterly voting is now in the books and it looks like it was a great turn out. Please look for those results in the Election Coordinator's article elsewhere in this issue of the Roadrunner.

At the last quarterly board meeting, Aug 25th, the board passed several by-law changes that require a membership vote and our Election Coordinator, K7DM, is getting Simply Voting configured for the membership to vote on the three By-law questions the first part of November. Again, look for Don's article elsewhere in this issue of the Roadrunner.

Our Awards Manager, N5MLP, is in the process of building a new team of volunteers for the Awards Committee. If you want to be part of creating new awards or modifying existing awards then please contact Ron, N5MLP, or your District Director. The Awards Secretary, N2JNE, is still learning the ropes. Processing awards is not an easy job. Please continue to be patient.

Some good news on next year's National Convention. Pat, N0DXE, has been working hard over the past few months on finding a host hotel in either the Denver or Colorado Springs area. Pat has two very good choices at the moment and will have a proposal ready for the next board meeting.

There will be a quarterly board meeting Wednesday evening, Nov 16 at 2359z on UberConference. Hope you can join us.

If you have any questions you can find me in the W6RK chat room most days or via email.

Contents

Awards	6
Dateline CW	2
Events	14
MARAC Bylaws Changes	11
Montana Trip – W0GXQ & K8ZZ	7
President's QTC	1
Treasurer's Report (W7OLY)	15



Dateline CW

Ed, KN4Y

Happy it is for amateurs that a higher power has laid on a few the curse of being a CW county hunter.

There is the bite of a cold nip in the air as I walk to the ten meter vertical antenna to repair the elevated radials torn off by falling pine tree limbs during hurricane Hermine. I survey the problem and there is a simple fix, refasten the fork terminals back onto the antenna radial block and refasten the rope support. It would be nice if all problems had a simple fix.

I head back to the radio shack to be sure I have changed all the clocks to Eastern Standard Time and for some reason I wonder how Gator is enjoying the Redneck Coalition for Ethanol annual conference. I think the meeting is just a bunch of bootleggers shooting the bull, but Gator calls them high-spirited motorized connoisseurs. As I approach the radio shack I hear CQ, CQ emitting from the radio speaker. I quickly go to the radio desk and it is a FIST station calling adjacent to the CW twenty-meter call frequency. I turn on the computer and think to myself I will show Gator I can post process a log just as efficient as he thinks he does. I locate the multi-color transgender memory stick and insert it gingerly into the USB port.

I click on the Writelog logging program and open the file for the Texas QSO party. That was easy. I scan the log and see I worked six mobiles and I read; Jerry, K5YAA, Guff, KS5A, Alan, N5NA, Chuck NO5W, Bob, W0BH, and the Central Texas & Contest Club, W5CT. The band conditions were terrible Sunday but overall I made 158 QSO's, worked three No-Star and Four 2 x 1 call. That was easy, I shut the computer down and go outside and start collecting and burning the fallen tree debris caused by the winds of hurricane Hermine.

Time passes and I am still collecting and burning the tree debris in a fifty-five gallon steel drum when I hear Gator's 4x4 enter the driveway and slide to a stop at the recycled railroad tie. I wave and head to the radio shack. I shout, "Welcome back to God's county, how was your trip?" Gator is carrying a white cardboard container as he slides out of the cab of his 4x4, "Good to be back, I stopped and got several cups of latte and a few éclairs, did you behave yourself while I was gone? I shake my head yes, but not by choice I murmur to myself, "I have been cleaning the mess left by hurricane Hermine. How was your trip?" Gator hands me a latte and éclair, "It was interesting, informative, thought provoking and boring as hell." We have a good laugh and rinse the first éclair down with good hot latte.

Gator goes to the computer and turns it on, "I see you worked on the Texas QSO party log, did you send in the TQSL and the Cabrillo file to the Northwest Amateur Radio Society?" I look gloomy, "Damn and I was going to brag how I can do what you do with the contest logs." Gator laughs, "Someday maybe, but not in the near future." Gator sends in the two Texas QSO party files and next reads the e-mails. "Wow! Dude I see you are now a member of the CWops. That is a great accomplishment, my congratulations; I guess they have no age restriction." I give Gator a dirty smirk, "Yes Gator, Barry, K2MF, nominated me and I was approved on the first ballot." Gator is not listening he is looking intently at the computer.

He turns around in the chair, "I see you got a LC from Bob, KA9JAC, have you thanked him yet?" I shake my head from side to side, "I will put it in my thank you bucket list. Getting the LC is good news Gator; it means the MARAC awards system is functioning again, check it out." Gator gooses the mouse, "Yes Dude, MARAC lists Ron, N5MLP as the Awards Manager and Charlie, N2JNE, as the Awards Secretary. Do you know either of them?" "I have worked Charlie on CW but not Ron." Gator nods his head, "Just noted your California QSO party log, be quiet."

I sip my latte and stuff another éclair in my mouth and I think there is no better way to keep quiet. Gator turns in the chair facing me, "Well Dude, I am impressed, you completed 250 CW QSO's in the California QSO party but no new counties or anything else." I wash down the éclair with a gulp of latte, "Yes Gator, I have run the California QSO party for so many years I do not need any counties, except on 80 and 160 meters." "Gator interrupts, "Dude I notice there were no mobiles." "Yes, I asked the NCCC why and was told California has several active amateurs in each county and do not need a mobile operation. The truth is the QSO party requires a serial number to be exchanged, a requirement not conducive to a mobile operation." Gator shakes his head in agreement, "Dude I just found the Pennsylvania QSO party log, just sit tight." I sip my latte and squeeze my butt cheeks.

"Not bad Dude, you made 115 CW QSO's and worked two new counties on 80-meters. You worked four portable operations, Ed, AB3AH, Carl, K3XF, Andy, N3NZ and the Union City Wireless station, W3CG. I also notice you worked one mobile, the Harrisburg ARC station, W3UU." I shake my head, "Yes Gator operating portable is more enjoyable than mobile when a serial number is part of the exchange. Perhaps next year the Nittany group will revise the QSO party exchange and pleasantly surprise the QSO party supporters with more mobiles." Gator slaps the desk top, "Dude I see you also worked the Arizona QSO party. Have another latte while I check it out," I follow instructions and get another latte.

“I see you only worked 18 CW QSO’s in the Arizona QSO party and I can’t tell if you worked any mobiles.” “Yes Gator, the majority of operators in both the Pennsylvania and Arizona QSO parties operate on sideband. But here again, the exchange requires a serial number. Perhaps the Catalina Radio group will announce an exchange change for next year and the CW mobiles will be out and running throughout the Copper State. However do not hold your breath.”

Gator starts laughing. “I see you ran the 10-10 International Sprint on ten meters CW, a double whammy, and you made two QSO’s. I bet the rate overwhelmed you. “I give Gator the evil eye, “The bands were horrible, I called and called to no avail, check out the 10-10 International Fall CW QSO party, I made a few more QSO’s.” Gator giggles, “Yes a very little few more or 24 to be exact. You did work eight DX stations, not bad for a dead band.” I shake my head in agreement and sip my latte. “If you are not worn out check my Stew Perry results.”

Gator snaps his fingers, “Okay Dude, you worked eight new counties on 160-meters and made 100 QSO’s, why not more?” I finish my latte, “Well it was 0500z and the rate had dropped off dramatically, so I set my goal at 100, any other questions?” Gator is off on a tangent.

Gator snaps his finger, “Dude I see on the county hunter’s forum that Scotty, N4AAT, is in critical condition in the hospital. Did you not sing along with him at the Southeastern Mini a few years back?” “I sure did, I will light a candle for him every Sunday. Suddenly Gators cell phone blares out CQ, CQ, CQ, “Sorry Dude I have to move on out, there is a pump proper problem that requires my immediate attention.” He is gone like a penny in a penny arcade. I hear him yell, “What do you call a CW county hunter with gas?” “Mobile” HA,HA,HA.” I shut the door and wonder why I try then I hear the printer cycle, I obtain the printout, and it is the list of mobiles heard during October on the CW county hunter’s call frequencies.

I read: K0FG, K2HVN, K2MF, K7TM, K8ZZ, K9JWV, KA2LHO, KA3QLF, KA4RRU, KB0LF, KB6UF, KC3X, KE0TT, N4CD, N4JT, N4UP, N9AC, N9JF, N9QS, NU0Q, W4SIG, W7FEN, and AND WB0PYF.

The CW excitement for the month of November starts by participating in the the ARRL CW Sweepstakes Contest, a contest patterned after message handling protocol used by amateur radio operators. The sideband version of Sweepstakes occurs two weeks later. After the election of a new President, and if the world did not end, try the OK/OM DX CW Contest or The LZ DX Contest, and finish out the month participating in the

CQ Worldwide CW DX Contest. The only State QSO party in the penultimate month is the Kentucky QSO party with 120 counties up for grabs. Let's hope the Western Kentucky DX gang can get the radio operators off the Bluegrass and on the air. A quick announcement for the weekend of the Kentucky QSO party, I, KN4Y, will be mobile in Lake County Florida at the Florida State Men's Bowling tournament and will be on the air as time permits. I find I no longer need to avoid temptation. It avoids me. Nap time.



Awards

Awards Committee

Awards Committee Reorganization Status:

The planned structure of the new awards committee was described in last month's issue along with a solicitation for volunteers who would like to be on the committee. Other information concerning the duties of committee members and experience desired for members was also provided. Members who were interested in being on the committee were asked to submit an email indicating their interest.

I purposely waited over two weeks for people who were interested to submit email before beginning to discuss these positions with the candidates. I have talked with several individuals about the positions thus far, but have not completed all of the discussions at this time. I have been delayed by a family illness this month also.

Status of Awards Operations

N2JNE indicates that the awards processing has proceeded smoothly during this past month and the computer system has been stable. He has been given access to post the new awards issued on the home page of the MARAC website and all awards issued are now current at that location. Also, the information is being forwarded to KK7X for posting on the CountyHunter.com website.

An update on current status will be provided in next month's issue of RoadRunner.

MARAC Awards Committee



N5MLP – Ron Clift, Marac Awards Manager

Montana Trip – W0GXQ & K8ZZ

Last June Ed had mentioned to me that he needed to get out to Montana to fill some “transmit” needs, and that is when we decided to do a dual-op trip. Try to keep the daily mileage under 400 he said! We both agreed that the end of September would be a good time. This way I could combine the trip to coincide with my 60th High School class reunion!

He laid out his route in Street Atlas and emailed the file to me. It would be my job to draft an itinerary that would look at 400 mile days. I informed Ed that the trip would require eight days to complete. We made plans to meet in Sioux City Iowa around noon on 21 September, get the mobile set up and head out the next day. The second station would be a KX-3 powered by a Stanley J509 battery pack which ran two days easy. A fancy Roadrunner Fuse Block with five active slots, were fed from the battery pack with Anderson connectors. We also carried a small laptop computer (with backup) both loaded with our route, and the usual spare IC-7000, and antenna. Ed positioned his Kent TP-1 paddle on his “lap desk” and plugged it in line with my trusty old Bencher. After parking Ed’s vehicle at my brother’s QTH, we met Mike NF0N for a good Mexican dinner in Dakota County NE.

Ed’s planned route was via South Dakota Interstates and return through the state of Nebraska. Well, since I had no NE needs on his route, we agreed to make the return trip back through SD, but north of I-90. Now we could both benefit!

The first day out would be 470 miles of interstate to Lawrence County SD. We used this day to refine our operating and logging procedures. Our plan was to try and work SSB in each county; Ed would run SSB and I would follow with CW, but we later determined that it was more fun to just trade the CW runs when it fit our fancy. Weather was rainy and bands so-so. I had planned to surprise Ed with a stop by the antenna farm of W0SD in McCook County, but missed the turn. Check out QRZ.com. The night was spent at the Holiday Inn in Spearfish.

The next day would be a 500 mile drive, from Spearfish SD to White Sulphur Springs MT in Meagher County. Just could not come up with a way to shorten this leg of the trip. You take the overnight stops where you can find them. Driving conditions were much improved this day, but the bands were getting worse. We stayed at the All Seasons Inn & Suites.

Day three would only be 378 miles, but our plans called for three county lines and one side trip. Our destination was Shelby MT in Toole County. We took US-89 north from White Sulphur Springs to Forest Service Road 267 and headed the three miles east to the Cascade/Judith Basin line. This rugged trail took us 35 minutes, but it was one of the most beautiful spots we had seen. With this remote location and the poor band conditions (terrible QSB!), it was difficult to make a lot of contacts. North of Great Falls we took route 225 which turned out to be 80 miles of “white knuckle driving”. I learned the hard way that a dash-lined road in Montana is not blacktop! The alternative was much longer but probably would have been faster. Next time I will scan each suspect route with Google Earth. The Comfort Inn in Shelby was very nice.



We had to cover 450 miles on day four, stopping in Mineral County. This included stops at the Lincoln/Sanders and Mineral MT/Shoshone ID lines. We had a very nice visit with Bob, K7TM on the state line. This was my first trip on US-2 this far west and I found the scenery to be absolutely beautiful! The weather was perfect this day. I had a short chat with Larry W7IN when we stopped in Plains MT for a bite to eat. We stayed at the Big Sky Motel in Superior MT.



The fifth day out would be 415 miles to an overnight in Gallatin County at the One Horse Motel in West Yellowstone. Reservations were made nearly two months prior to the trip and we got the last room! Headed east on I-90 to Fish Creek Road (exit 66) and followed this forestry road to Lolo Hot Springs on US-12. I think we averaged 15mph for what seemed like hours! But the best was yet to come . . . a logging road to the Clearwater/Idaho ID county line turned out to be on top of a mountain. We could see 360 degrees of mountain ranges, and was a perfect spot for transmitting. Lots of contacts were made even though it was another day of poor band conditions. As far as road selections, “been there, done that and don’t care to go back!” It was another beautiful, but long 12 hour drive! Gallatin County would have to wait until the next morning.



Day six would be 414 miles east to Gillette WY. We spent a few hours in Yellowstone National Park as neither of us had ever visited the park. Brunch at the Lodge was excellent and of course we stayed until 11am to video Old Faithful! All this resulted in a late arrival at the Holiday Inn Express.

We were off to Fort Pierre SD on day seven which would be a short 365 miles. We decided to run the C/L’s of Meade/Perkins, and Ziebach/Dewey. The drive was relaxing and we arrived early at the Holiday Inn Express. We stopped at Mad Mary’s in Pierre and each of us had a Walleye dinner. It had been another brilliant sunny day with mild temps.

Day eight would be 388 miles back into Woodbury Iowa (around 3pm). We missed the scenery of Montana but it was a much easier drive. Ed decided to load up his mobile and head back to Topeka, which would turn out to be a long day for him.

I’m sure the poor band conditions precluded many from making their last

county contacts. The needs list indicated a possible 68 last counties on our route; and I believe the completion rate was about 52%. I made very few contacts on the higher bands (52) during the entire trip. Ed picked up 28 new transmits and a load of band/county contacts. He now needs less than 500 to reach Ran All Counties I. Total miles 3,292 (71 counties) and 2,515 contacts (434 SSB and 2,081 CW).

On two different days in Montana we experienced no cell coverage for over six hours however, most of the band changes were spotted for us. Thanks to everyone, especially K0DEQ who hung with us most of the trip to provide assistance.

MARAC Bylaws Changes

Voting from 0001Z Nov 1 to 2359Z Nov 15

Below are the questions that will appear on the ballot. These questions are identical to those you'll see on the ballot, but these are for your information and are not the official ballot. All eligible members should receive a ballot from MARAC via e-mail at the starting time of the voting window. You *must* click in one of the check boxes (Yes, No, Abstain) in your ballot.

From: ARTICLE I - BOARD OF DIRECTORS

1.1 NUMBER AND POWERS OF DIRECTORS

1.2 TERMS OF OFFICE AND VACANCIES

1.2(c) No person may hold more than one (1) seat on the Board of Directors at the same time. The term of office shall begin at the annual meeting of the Board of Directors at the annual convention of MARAC, and shall be the last order of business at the meeting.

To:

1.2(c). No person may hold more than one (1) seat on the Board of Directors at the same time. The term of office shall begin at 0000 UTC July 1 for newly elected Board of Directors. Newly elected Directors shall be introduced as the last order of business at the General Business Meeting if the annual meeting is held prior to July 1st.

From: ARTICLE 2 - OFFICERS

2.1 OFFICERS

2.2 TERMS OF OFFICE AND VACANCIES

2.2(b) The officers shall take office at the annual MARAC convention at the same time that newly elected directors take office.

To:

2.2(b) The Officers shall take office at the same time as the newly elected Directors take office. Newly elected Officers shall be introduced as the last order of business at the General Business Meeting if the annual meeting is held prior to July 1st.

From: ARTICLE 2 – OFFICERS

2.1 OFFICERS

2.2 TERMS OF OFFICE AND VACANCIES

2.2(d) An officer appointed to fill a vacancy shall serve until the next annual meeting of MARAC.

To:

2.2(d) An officer appointed to fill a vacancy shall serve until 0000 UTC July 1.

Do you approve the changes to these Bylaws?

YES

NO

Abstain

From: ARTICLE V - MARAC ACTIVITIES AND APPOINTED OFFICIALS

5.1 AWARDS

5.1(a) The President shall appoint an Awards Manager from among the regular members of MARAC. The appointment shall be subject to ratification by the Board of Directors at the next meeting of the Board of Directors following the appointment.

To:

5.1(a) The President shall appoint an Awards Manager from among the regular members of MARAC. The appointment shall be subject to ratification by the Board of Directors at the next meeting of the Board of Directors following the appointment. **The President shall also appoint an Awards Secretary from among the regular members of MARAC. The appointment shall be subject to ratification by the Board of Directors at the next meeting of the Board of Directors following the appointment.**

From:

5.1 AWARDS

5.1(b) The Awards Manager shall administer the MARAC Awards program in accordance with the policies and procedures adopted by the Board of Directors.

To:

5.1(b) The Awards Manager shall administer the MARAC Awards program in accordance with the policies and procedures adopted by the Board of Directors. **The Awards Manager will be the chairperson of the Awards Committee. The Awards Secretary will be in charge of collecting funds, reviewing awards applications and distributing the awards. The Awards Secretary will report to the Awards Manager.**

From:

5.1 AWARDS

5.1(c) The Awards Manager shall receive and disburse funds in connection with the awards program in accordance with the policies adopted by the Board of Directors and the procedures established by the Treasurer.

To:

5.1(c) The Awards **Secretary** shall receive and disburse funds in connection with the awards program in accordance with the policies adopted by the Board of Directors and the procedures established by the Treasurer.

From:

5.1 AWARDS

5.1(d)(6) The Awards Manager shall determine the media to be used when submitting applications and records for the awards.

To:

5.1(d)(6) The Awards **Secretary** shall determine the media to be used when submitting applications and records for the awards.

Do you approve the changes to these Bylaws?

YES

NO

Abstain

From: ARTICLE VI -FISCAL PROVISIONS

6.1 FISCAL YEAR

(a) The fiscal year of the corporation shall begin on the first day of the month of January and end on the last day of the month of December.

To: ARTICLE VI FISCAL PROVISIONS

(a) The fiscal year of the corporation shall begin on the first day of the month of **April and end on the last day of the month of March.**

Do you approve the change to this Bylaw?

YES

NO

Abstain

Events

- 11/5 ARRL CW SS
- 11/12 10-10 DIGI
- 11/12 KY QP
- 11/19 ARRL SSB SS
- 11/21 RUN4BACON QRP CW
- 11/24 THANKSGIVING
- 11/26 CQ WW CW

ONLY START DATE SHOWN

CLICK ON EVENT TO GO TO THAT WEB SITE



**Treasurer's Report (W7OLY)
September 2016***

Beginning Account Balances October 20, 2016 **\$33,871.01**

Income:

Money Market Interest	\$1.08	
Awards Manager Income	\$50.00	
Misc. Income	\$0.00	
Membership Income	\$240.00	
Logger Distribution	<u>\$0.00</u>	
Total Income:		\$291.08

September New Spotting Site/Logger II Expenses:

Spotting Site Fixed Expenses (CHspots.org)	\$0.00	
Spotting Site Recurring Expenses (CHspots.org)	\$0.00	
Logger II Fixed Expenses	\$0.00	
Logger II Recurring Expenses	\$0.00	

September Other Expenses:

Awards Secretary Expenses	\$213.57	
Misc. Expenses	\$59.90 (1)	
Office Expenses (Postage, Etc.)	<u>\$19.35</u>	

Total Expenses: \$292.82

September Net Income Less Expenses **(\$1.74)**

New Total Cash Balance ALL Accounts: **\$33,869.27**

Checking Account Balance		\$6,759.65
Money Market Account Balance		<u>\$27,109.62</u>
Total Cash All Accounts:		\$33,869.27

* Includes October Transactions posted through 10/19/2016

* The \$1,500.00 Awards Secretary Funds are not included in the above balance.

Notes:

(1) Awards Secretary software purchase

From a balance sheet perspective, MARAC Total Funds at the end of September should be discounted by **\$6,314.15**. This amount is a Deferred Liability of award fees pre-paid by members. After discounting, our true (spendable) Cash Assets are **\$27,555.12**

Awards Committee

These MARAC members are serving on the Awards Committee:

Awards Manager - Ron Clift (N5MLP)

The County Line Roadrunner
MARAC Secretary
PO Box 500
Yelm, WA 98597

“A Road Runner Is A Very Fast Bird”

Monthly Deadline for Articles is the 25th!

Board of Directors

President: Randy Hatt, AA8R, PO Box 427, Grant MI 49327, 517-812-9468, aa8r@aol.com

Vice-President: Chuck Secrest, NM1G, 14 Anthony Dr, North Kingstown, RI 02852, 401-484-4871, chuck@nm1g.com

Secretary: Terry Dummler, WQ7A, PO Box 500, Yelm, WA 98597, 360-894-3715, wq7a@comcast.net

Dues with an Electronic copy of the Newsletter copy are \$10.00 per year, check or money order. Dues are also available via PayPal to WQ7A@ARRL.NET

Treasurer: Aubrey Mansfield, W7OLY, 7717 Forest Park Dr, Olympia, WA 98502, 703-286-9987, w7oly@comcast.net

Great Lakes Director: Timothy Eklin, W8JJ, 7398 Waterfall Dr, Grand Blanc, MI 48439, 810-603-2801, w8jj@comcast.net

North Central Director: Mike Nickolaus, NF0N, 316 East 32nd St, South Sioux City, NE 68776, 402-494-6070, nf0n@arrl.net

Northeast Director: Al Kaiser, N1API, 194 Glen Hills Rd, Meriden CT 06451, n1api@cox.net

South Central Director: Barry Mitchell, N0KV, 12200 Boothill Dr, Parker, CO 80138, 303-841-6510, n0kv@earthlink.net

Pacific Director: Paul Nelson, N7JPF, 3013 W. 10th St, The Dalles, OR 97058, 509-698-6227, n7jpf-paul@charter.net

Southeast Director: Kerry Long, W4SIG, 1854 Newton Nook, Collierville, TN 38017, 901-331-1881, kerrylong@comcast.net

Immediate Past President: Vacant

Appointees

Awards Secretary: Charlie Steele, N2JNE, 11 Prospect St, Saugerties, NY 12477, 845-706-2914, marac.awards@gmail.com

Historian: Gary Beam, K4EXT, 195 Nanny Goat Hill Rd, Elizabethton, TN 37643, ch2@k4ext.com

Newsletter Editor: Dave Hyatt, KU4YM, 159 Schooner Bend Ave, Summerville, SC 29486, 843-442-8666, dhhyatt@ieee.org

Sunshine Coordinator: Pat Reiner, KM6QF, 16931 Aldon Rd, Encino, CA, 91436, 213-999-0100, lovedoxies@aol.com

Webmaster: Jeff Napier, AF3X, 3031 Tyler Jacob Way, Knoxville, TN 37931, 760-590-0797, napierv6@comcast.net

Custodian, Club Call, K9DCJ: Joyce Boothe, WB9NUL, 21175 FM2556, Santa Rosa, TX 78593 1-956-202-3373 joycenul@aol.com

Election Coordinator: Don McMinds, K7DM, 535 E Chance Ala Mer NE, Ocean Shores, WA 98569, 425-652-2795, k7dm@centurylink.net

MARAC General Counsel: Bill Morgan, K0DEQ, 12012 County Rd 3000, Rolla, MO 65401, 573-465-5405, k0deq@arrl.net

Computer Data Manager: Gene A Olig Sr, KD9ZP, W 4325 4th St Rd, Fond du Lac, WI 54937, 920-923-0130, kd9zp@att.net