



THE COUNTY LINE ROADRUNNER

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Riding the County Lion

Dave – KE3VV

As the Big Green Dragon crossed the Mighty Mississippi and headed west earlier this month on the way to Deadwood and the MARAC National Convention, the County Lion (from his perch on the dashboard of the truck next to the IC-7000 control head) reminded me that this was the first time the three of us had been on a road trip so far away from the home QTH. Indeed, the last time I was on this side of the Big Muddy was for the convention in Duluth, and that was not a road trip – time was short and air travel was the only alternative. But this year, the Great Plains beckoned and, at the end of our second day of travel, promised new horizons.

As we crossed Minnesota in the darkness, the vast arrays of blinking red lights on either side of the interstate highway caught our attention. “Martians!” roared the County Lion, oblivious to the fact that the lights were silent, as opposed to the raucous blasters that would certainly accompany an invading species (or a semi using its “jake brake”). “Weird lights for an airport,” was my thought, until I remembered seeing the same pattern of red lights the last time I accompanied the private rail car Dover Harbor (www.doverharbor.com) on a trip from Seattle back to DC via the Southwest Chief route behind the Amtrak consist. But as I was about to announce the solution, the Dragon purred the answer... “Windmills!” Not the rapidly spinning American Gothic-type windmills of my youth during steamy summers toiling on my Uncle’s farm in Wisconsin, but giant towers with slowly revolving wings that catch the winds that blow across the plains and magically convert them into electricity. (More)

Contents

Annual Meeting	8	MARAC 2013 Member Awards	7
A Tribute	6	New Members	4
Awards	18	SE Mini	25
Awards Manager’s Report	22	Treasurer’s Report (W0NAC)	21
Birthdays	19		
Calendar	23		
Dateline CW	3		
Dave’s Call	24		
Digital Happenings #12	10		
History Happens	5		

After a night of rest to recover from almost 12 hours of steady driving, we headed back to the open road and the final leg of our midsummer hejira to Deadwood. Arriving a day earlier than planned, the hotel staff was exceedingly pleasant and accommodating. Sent to my room by the charming Melissa, I unpacked and headed for the convention center with the County Lion in tow (actually perched on my shoulder – the County Lion is a pirate parrot wannabe).

So many friends – friendly faces and warm greetings – the perfect beginning to every gathering of county hunters since my first southeast District 3M in Murfreesboro many years ago with my friend Bill (WA3ZMY) and many new friends. Leo and Chris, the perfect host and hostess, were busy making sure all was just as they had arranged it. And their hard work paid off. The huge combination hospitality and meeting room was a pleasant change from the smaller venues that most convention hotels provide. As the County Lion observed, “There was room to spread out and provide some separation between the puzzlers and the puzzled.”

By now, of course, everyone has heard that Lightning Leo (WY7LL-SK) was struck down during the convention. I can only add a brief personal note to the many condolences and outreach that Chris has received from the county hunters. It was just one year ago that I lost my wife, lover, companion, and best friend to cancer. There is really no way to express the feeling of losing someone that you expected to grow old beside. But one memory flooded back to me when I heard that Leo was gone – the support and friendship and warmth of my MARAC county hunting friends. I share that with Chris and everyone in our county hunting family when life presents its surprises, upsets, and challenges. Thank you all for being there for me and for Chris and for all of us and each other. You are special friends indeed.

With the support of Chris and each other, the convention continued and, honoring Leo, we all put maximum effort into having a good time – celebrating his life and honoring his wish that this be one of the really memorable MARAC eyeball gatherings. And it was. Thanks, Chris and Leo.

Not much to add about the meetings and forums - the next step in going “paperless” was approved by the Board, with approval of the reduction in cost for emailed certificates to \$1.00 – allowing members to get a certificate by email and print it. The Board will also be looking into the treasury balance (which is healthy again) and ways to use it to promote MARAC and benefit the members. Finally, the Board approved holding next year’s annual convention in Visalia, California. Our MARAC Awards Manager and District Director, Bob Devine (KC6AWX) will host the event at the same hotel as the last Visalia gathering and has wrangled the same rates as last time. The County Lion is already planning to take the train to Visalia for the 2014 convention, something for which the Big Green Dragon will undoubtedly be grateful after the 3600 mile round trip to Deadwood (with many new counties beneath the tires).

I was so glad to see many of you in Deadwood, and I look forward to the SE Mini this fall and next year in California – and maybe a few other road trips in between (after putting out more than 100 new counties on the way to Deadwood and back, I need only a few dozen transmits for Master Platinum, so there is some incentive). As always, travel safe and be well with each other. The Weary Road Warriors – Dave, the Lion, and the Dragon – send you all the very best 73’s and 88’s.



Dateline CW

Ed, KN4Y

Thrice blessed are CW county hunter friends: they stop, they run, and then they go away.

Gator asks, "What is the problem with the 706 radio you had repaired." "You remember the CW started breaking up during the Florida QSO party and I finally had to change radios. The repair guy said I had corrosion on my circuit boards. He said the corrosion was caused by leaving the radio in the van with the power connected. The heating and cooling during a Florida summer day causes corrosion on the circuit boards." "So now you remove the radio?" "No, I now disconnect the power plug and for some electrolyte reason this will lessen the corrosion. By the way where did you go last week?"

Gator smiles, "I took my Harley-Davidson to St. Peters Square in Vatican City for a blessing by the Pope. It was an awesome experience. I am thinking of running counties as a motorcycle mobile." "Sorry Gator it has been done before." "Dang! Where is the charcoal, I want to fire up the grill." I think to myself, no, no, not the python steaks, "Why?" I ask not really wanting to know. "When you parked by the Bay to run Gulf county I waded out in the bay and got some scallops" "That will be great, I thought you were going to grill the python steaks." "No, I came upon a county hunter with Texas plates running the county line on highway 98. I stopped and chatted with him. I gave him the Python steaks. He said bar-b-cue reptile is a delicacy In Texas." I look dejected on the outside but elated on the inside.

"By the way Dude, was there a CW meeting at the convention? Was Al there?" "Sorry Gator Al was not there and yes there was a CW meeting. I got this from Jerry, W0GXQ." I read Gator what I had downloaded: "There were 25 operators at the CW meeting ,AC0B, KY0E, W0GXQ, N0KV, NF0N, W0NAC, NX0X, K1TKL, WA3QNT, KE3VV, N4CD, K5OH, W7FEN, N7JPF, AB7NK, K7SEN, KC7YE, N8KIE, NA8W, K8ZZ, WG9A, KA9JAC, W9LHG, W9OP and from DX land OH3JF. The agenda followed previous convention meetings such as..." "Hold it Dude, can we discuss this later." "Okay."

Gator is at the computer, "I see you worked the Canada Day Contest and made 100 QSO's." "Yes that was my goal; see how many VE's I worked on each band." Gator sips his coffee and sits back, "You made 6 VE QSO's on 40-meters, 32 on 20-meters, 27 on 15-meters and 16 on 10-meters. You also worked 10 of the 13 multipliers." "I think this is my best contest to date. Here finish inputting my field day log and see what my total is. I will get two coffees." I open a can of dark chocolate covered jumbo cashews and motion Gator to grab a few. "Thanks Dude, what is the difference between dark and just chocolate covered jumbo cashews." I start laughing, "A four letter word."

Gator ignores me, "You made 457 CW contacts during field day using the club call K4WAK. I notice you made many QSO's with the mobiles on the way to the MARAC convention. " "Yes Gator, I had a ball, I got a little of everything, call prefixes, 17-meters, 5th time, Bingo, but only one 40-meter QSO. Jerry also ran on 10 and 15-meters but I could not hear him. I have heard better band conditions prior to a convention." Gator picks up a post-it off the floor. "This post-It has only Mike written on it." "Yes I meant to tell you, Mike, KA4RRU, made a trip to Highland County Virginia and I got my last 2x3 call prefix for the State." Check my IARU HF world Championship log." Gator sips his coffee, "You made 100 contacts and worked every band except 160-meters. We raise our coffee mugs and salute this achievement.

Gator's cell phone is heard, "Sorry Dude have to depart to see why the hydrogenation unit safety disk blew." He is gone like the hospitality time during a MARAC convention, leaving a tailless barking homicidal squirrel on a tree stump. I think I hear Gator yell, "You never heard me say we don't keep firearms in this house." The printer stops, the print out is a list of mobiles heard in July on the county hunters CW frequencies. I read: AB7RW, AF3X, K0ARS, K0FG, K1TKL, K2HVN, K3IMC, K4YFH, K5YAA, K7RE, K7TM, K8ZZ, KA3QLF, KA4RRU, KC7YE, KE3VV, N0KV, N3RC, N4CD, N4JT, N7IV, NF0N, NX0X, OH4JF, W0EAR, W0GXQ, W3DQT, W4HSA, W4SIG, W5QP, W6RK, W7FEN, W8LVN, W9OP, WB0PYF, and WB4KZW, .

I will get with Gator later to do the MARAC QSO party log. I look at the contest calendar to see what the CW county hunters can do in their spare time. To start August off is the North American CW QSO party and the Worked All Europe CW contest. The State QSO parties are: Maryland-DC (24 counties), Hawaii (6 counties), Kansas (105 Counties) and my State of birth Ohio (88 counties). If you need counties on 10-meters check out the TEN-TEN Summer Phone QSO party. I make a note to remind Gator of the South East Mini Convention October 7, 8 and 9th Located just across the bridge from traffic congested Charleston at the Patriots Point Quality Inn and Suites in Mount Pleasant, South Carolina. I think, county hunter who wants a pretty nurse, must be patient. Nap time.

Silent Key

MARAC Vice-President Leo Bingham WY7LL

REVELATION 14:13

“Blessed are the dead who die in the Lord from now on”
“Yes,” says the Spirit, “that they may rest from their labors,
and their works follow them.”



New Members

MARAC Number

- R4536
- R4537
- R4538
- R4539

Callsign

- KF7PKL
- K5ZZR
- DL6KVA
- K5TIA

Name

- Davis Coughanour
- Russell Dearmore
- Axel Schernikau
- Rick Garcia



KF7PKL



K5ZZR

History Happens

Gary, K4EXT

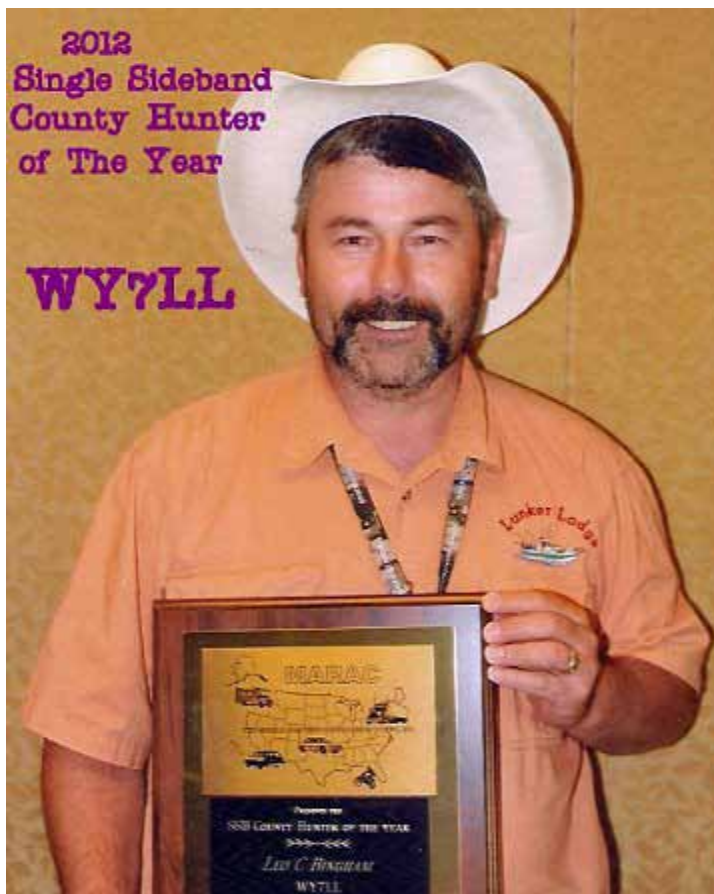
Thanks again for all of the county line pictures that filled my inbox this past month. We have finally passed the half-way mark! Check out the latest pics in the County Sign Database by visiting the CH History website at:

<http://www.CHarchive.com/cntys.asp>

Also thanks to those members who voted for me as CW County Hunter of the Year (CHOTY). Special thanks to Jim, KZ2P and Kerry, W4SIG for the nomination. And kudos to Dave, KU4YM ... the new SSB CHOTY ... and the lucky dude who gets to read my Roadrunner articles first each month!

It used to be that only one CHOTY (regardless of mode) was nominated each year. As such, the final single CHOTY was in 1991 with Joyce, WB9NUL ... and the first CHOTY pair was in 1992 with Ed, WA6VJP for CW and Bob, K0AYO for SSB.

Three times since 2005, only one CHOTY (either CW or SSB) has been nominated. Last year for example, there was only the KC6AWX nomination of Leo, WY7LL (SK) for SSB County Hunter of the Year. And as a person who liked to dabble with pictures, Lightning Leo created a suitable selfie for the SSB CHOTY of 2012:



A Tribute

Scottie N4AAT

WELCOME HOME

g c f c d7 g
Leo walked around, a mountain top, all of a sudden, he had to stop

g c f c g c
What is it someone, wanted him to see, right there besides, the big oak tree

c g c g c
Verse: He felt the warmth, from the light, he saw a really beautiful site

c // f c g c
Angles flying around a throne, saying welcome, welcome home

g c f c d7 g
He saw some footprints, in the sand, and someone trying, to touch his hand

g c f c g c
For some reason, he didn't feel alone was someone trying, to lead him home

Verse:

g c f c d7 g
It is a feeling, he never felt before, in front of him was a big white door

g c f c g c
It swings open, he saw inside, and someone said, come sit by my side

Verse:

g f - c
Then tag:: Welcome home, welcome home

MARAC 2013 Member Awards

County Hunter of the Year SSB: KU4YM Dave Hyatt

County Hunter of the Year CW: K4EXT Gary Beam

Best Net Control SSB: KZ2P Jim Grandinetti

Best Net Control CW: W0GXQ Jerry Mertz

Best Mobile SSB: WQ7A Terry Dummler

Best Mobile CW: W0GXQ Jerry Mertz

Best Mobile Team: KB0BA & N0XYL Lowell & Sandra Tennyson

Please take time to congratulate these members for a job well done and for furthering the advancement of County Hunting.

Ballot Recognition

I would like to congratulate the following individuals. These calls are in order of finish 1st 2nd and 3rd place for the year 2013.

BEST NET CONTROL SSB: KZ2P, AB7NK, N5UZW

BEST NET CONTROL CW: W0GXQ, N4CD, NM2L

BEST MOBILE SSB: WQ7A, KB6UF, AA9JJ

BEST MOBILE CW: W0GXQ, N4CD, W5QP

BEST TEAM: KB0BA/N0XYL, N0KV/N0DXE, AA9JJ/N9QPQ

**Kent Reinke, KV7N
MARAC Election Coordinator
1826 E 4500 N
Buhl, Idaho 83316**



**Annual Meeting
OF THE BOARD OF DIRECTORS
MOBILE AMATEUR RADIO AWARDS CLUB**

President David Splitt (KE3VV) called the meeting to order at 1503Z on July 13, 2013 in Deadwood, South Dakota.

Board Members present in Deadwood, SD

President - David Splitt - KE3VV
Past President – Joyce Boothe – WB9NUL
Secretary – Jim Grandinetti – KZ2P
Treasurer – Matt Matthew - W0NAC
North Central Director – Tony Mazzocco – WA9DLB
Northeast Director - Carol-Ann Reitman - AB2LS
South Central Director – Barry Mitchell – N0KV

Board Members present via the mIRC chat room

Great Lakes Director – Dan Mulford – KM9X
Pacific Director - Robert Devine - KC6AWX

Motion by WA9DLB to accept the minutes of the meeting of the Board held on February 26, 2013. Seconded by AB2LS. The motion was approved by a vote of 8 in favor and none opposed.

Motion by WB9NUL to approve the Treasurer’s Reports for December 2012, January 2013, February 2013, March 2013, April 2013, May 2013, and the Annual Financial Report. Seconded by N0KV. The motion was approved by a vote of 7 in favor, 1 abstention, and none opposed.

Motion by AB2LS to approve the Awards Manager’s Financial Reports for January 2013, February 2013, March 2013, April 2013, May 2013, June 2013 and Annual Financial Report. Seconded by WB9NUL. The motion was approved by a vote of 7 in favor, 1 abstention, and none opposed.

Old Business

KE3VV tabled the report from the Contest Coordinator until the next meeting. Dave explained the difficulties involved in attempting to redesign the contest to enhance MARAC’s image and attract new members.

New Business

Proposed Changes to MARAC Award Rules

Fees (Recommendation of the Awards Manager and President)

(MOVED) That the MARAC general rule on Fees for certificates (database modification and notification by email) be modified to further reduce the cost of all “paperless” certificates to one dollar.

Unless otherwise specified in the rules for a specific MARAC award, the **Fees** for each MARAC award are as follows:

Certificates (database/email):	Members and Non-Members - \$1.00
Certificates/Upgrades (paper/mailed):	Members - \$3.00 Non-Members - \$7.00
Award Plaque:	Members - \$40.00 Non-Members - \$55.00
Last County Plaque:	Members and Non-Members - \$20.00

All fees are subject to change by the MARAC Board of Directors.

Motion by WB9NUL to approve these changes to the MARAC Awards Rules. Seconded by AB2LS. The motion was approved by a vote of 8 in favor and none opposed.

Five Mode Award (Recommendation of the Awards Committee)

(MOVED) That the MARAC Five Mode Award be modified to add JT-9 as a mode that can be used for this award, as follows:

The following **Modes** and **Mode** sets may be used for this award: **ADD JT-9**

Motion by N0KV to approve these changes to the MARAC Awards Rules. Seconded by WA9DLB. The motion was approved by a vote of 8 in favor and none opposed.

Other New Business

Bob (KC6AWX) has offered to host the 2014 MARAC National Convention. The Convention will be held at the Holiday Inn & Conference Center, 9000 W Airport Dr., Visalia, CA 93277 from July 9, 2014 until July 12, 2014.

Motion by KZ2P to approve the time and place for the 2014 National Convention. Seconded by WB9NUL. The motion was approved by a vote of 7 in favor, 1 abstention, and none opposed.

The Board also expressed its thanks to Bob for everything that he does for MARAC. Not only is he the Pacific Director, but he is the Awards Manager and this will be the THIRD National Convention that he will host.

Motion by WB9NUL to approve a MARAC Merit Awards for Leo Bingham (WY7LL) and Christine Bingham (WY7ML) for hosting the MARAC National Convention. Seconded by WA9DLB. The motion was approved by a vote of 8 in favor and none opposed.

N0KV initiated a discussion concerning how to best manage MARAC's monies. KE3VV asked all of the District Directors to contact their members and elicit suggestions.

Motion by KE3VV for MARAC to donate to Christine Bingham (WY7ML) \$1,000.00 in memory of Leo Bingham (WY7LL). Seconded by WA9DLB. The motion was approved by a vote of 8 in favor and none opposed.

Being no further business to discuss, motion by WB9NUL to adjourn the meeting at 1549Z. Seconded by AB2LS. The meeting was adjourned by a vote of 8 in favor and none opposed.

Digital Happenings #12

(July 2013)

By W0NAC (“Matt”)



As Mammy Yokum once said: “Good will always triumph over evil because it’s nicer!” You may be asking what this quote has to do with Digital operations. The answer is **nothing at all!** I just really like this quote so I stuck it in here for “grins”!

I find it difficult to believe, but this article does mark the one year anniversary of Digital Happenings. Thinking back over the past year, I have only one simple observation to share with you. Digital operation is growing! I liken the shift toward Digital operation much the same as the situation when amateurs were transitioning from AM (Ancient Modulation) to SSB. It took years, but inevitably it did come about. I don’t believe that SSB will fade away like AM. Rather, Digital operations will evolve into a welcome addition to SSB in most county hunter’s bag of tricks. Further, Digital operation doesn’t need me to defend it. It will flourish or die on its own merits. It’s just that Digital operation has so many unique advantages going for it that it is bound to succeed!

Do you remember when SSB seemed to be so complex years back? SSB operation is now treated almost casually every day. I believe the same will happen with Digital operation as time passes. Are you ready to “Take the plunge”?

Challenge Department:

Last month I challenged you to solve a number problem as follows:

What is the next number in the following sequence: -7, 0, 17, 50, 105, ??

The following three people came up with the correct answer of **188**:

- 1 & 2) K7TM/WA7YEI (Bob & Vonnie). They even derived an equation for the sequence!
- 3) KK5NA (Joe)

The equation I used to derive this sequence was $Y = X^3 + 2X^2 + 4X - 7$. If you plug in values for X of 0, 1,2,3,4,and 5, the resulting sequence will end with $Y = 188$ which is the correct answer. Bob and Vonnie came up with the formula $Y = X^3 - X^2 + 3X - 10$ which also works if you plug in values of X of 1,2,3,4,5 and 6. It appears that there is a whole family of cubic equations which will all produce the desired sequence, but would start with different integer values of X. Very interesting!

I will “shift gears” this month and give you 4 riddles to solve. Maybe riddles will spark a bit more interest than number problems? Please don’t cheat by using Google to find the answers. Just use your brain. Here they are:

- 1) What do you throw out when you want to use it, but take in when you don't want to use it?
- 2) Six glasses are in a row. The first three are filled with milk and the last three are empty. By moving only one glass, can you arrange them so that the full and the empty glasses alternate?
- 3) How is it that a person born in Massachusetts, whose parents were both born in Massachusetts, is not born a U.S. Citizen?
- 4) If you were standing exactly on the earth's South Pole facing north, which direction would you travel if you took one step backward?

Watch for the correct answers in next month's article along with a list of those that send in correct answers to any of the four riddles. Have fun, and send your solutions to w0nac@comcast.net .

First Ever Digital Meeting At Deadwood:

The first ever Digital meeting was held at the National Convention in Deadwood, SD on Saturday, July 13 at 11:00 AM. 15 people attended, including myself (W0NAC), Sharon (N0LXJ), Ron (N5MLP), Dave (KU4YM), Cliff (AC0B), Barbara (AC7UH), Brian (NX0X), Lloyd (NX0X), Neil (K7SEN), Mary (AB7NK), Paul (N7JPF), Jack (KC7YE), Darl (NA8W), Bob (K7TM), and Phil (AB7RW).

I welcomed those in attendance and copies of a suggested agenda for the meeting with several attachments were passed out. A copy of this agenda (with attachments) is available at the following link: <https://dl.dropboxusercontent.com/u/26171574/Digital%20Meeting%20Agenda%207-14-2013.doc> .

In my opening remarks I stated my desire that we discuss primarily operating techniques and not dwell too much on technical issues. That is pretty much what happened. Some of the topics discussed by the group were:

- 1) Paul (N7JPF) raised the issue of how we should inform others that their signal is too wide. No clear answer was forthcoming, but it was clear that criticizing someone's signal quality in the middle of a run was not a good idea.
- 2) Dave (KU4YM) had a question on FLDigi when operating RTTY. The fact that FLDigi has a "Rev" button was pointed out to him.
- 3) Using a standard 599 report for all contacts was discussed and all seemed OK with doing this. It was pointed out that many contests use standard 599 reports and that these contacts are still valid because significant information has been exchanged.
- 4) Lloyd (NX4W) described how he adds "log" to his macros. This technique can be helpful to those running Digital Modes while mobile, especially if operating solo.
- 5) Whether a mobile should put out 3 or 4 Modes during a run was discussed. Ron (N5MLP) pointed out that this could work a hardship on Digital operators who don't do CW as they might end up with a lot of counties with only 4 Modes (SSB + 3 Digital). I stated that putting out a county line using only 3 Modes still takes a long time. 4 Modes, of course, would take even longer! Ultimately, the mobile must make the trade-off between their time and the needs of others for 4 Modes. This topic probably needs further discussion at the next meeting.

6) There was a brief discussion on use of RTTY 45 versus RTTY 75N and Domino 22 versus Olivia 8/1000. It was noted that more people have equipment/software that is compatible with RTTY 45 than RTTY 75N. However, RTTY 75N is much faster and more efficient than RTTY 45. I stated that I would not like to see Digital operators standardize too soon on a small set of Modes. I referred people to the large list of potentially good Modes (attached to the agenda) available for use, and that more experimentation is needed before we start limiting ourselves to a small set of standard Modes.

7) Mary (AB7NK) raised the issue of whether the way mobile teams currently operate (signing as W0NAC/N0LXJ/M or N6PDB/WA6OCV/M or AB7NK/K7SEN/M etc.) is totally legal in the eyes of the FCC. I stated that I felt it was legal since both Sharon and I are sharing operating duties (more or less equally), but I am in the process of doing further research on Part 97 rules. I will keep you informed of the results.

8) The topics of whether or not a net control is needed and the use of relays were discussed at length. I believe the consensus of the group was that neither is needed right now. It was felt that relays would just slow things down. As additional mobiles and mobile teams begin operating, the need for a net control may need to be re-evaluated, but for now, some form of informal coordination should suffice. A couple of ways that mobiles can avoid “stepping on each other’s toes” were mentioned. For example, a fixed station copying both mobiles could jump in and suggest that one of them either hold off for a while or change frequency. Also, if only two mobiles are involved, they could coordinate their operation/frequency by cell phone.

9) The subject of what frequencies should be used for Digital operation was discussed at length. I pointed out another attachment to the agenda where I give my suggestions. It is very difficult to define standard practices in this area since we have to continually observe FCC rules which state “No frequency will be assigned for the exclusive use of any station” and that operators “must cooperate in selecting transmitting channels”. When only one mobile is running, this is not a big problem, but as more and more mobiles try to operate at the same time, it becomes progressively more difficult.

Overall, I was very pleased with the outcome of this first Digital meeting and look forward to Digital meetings (and Digital group photos) becoming a standard agenda item at every convention.

Summary Of Results Of W0NAC/N0LXJ Trip To/From Deadwood:

Overall, Sharon and I had a very successful trip. Between the 8th and 15th of July we put out a total of 47 different counties while on 23 county lines and in 5 single counties. Between us, we made a total of 2738 contacts while using 6 different Digital Modes and CW or SSB as summarized below:

CW	12
SSB	1089
<u>DIGITAL</u>	<u>1637</u>
TOTAL	2738

Table 1 below shows our Digital contacts broken down by Mode/Sub Mode for all of the 29 stations that called us during the various runs. The top three callers were Dennis (N6PDB), Al (N1API), and Dick (N8CIJ). Their numbers are colored **Red** in the table.

For those out there with sharp eyes – YES, the total number of contacts on the table is 77 less than the correct number of Digital contacts shown above (1637). This happened because I had to manually construct the table. While doing this, I got “bleary eyed” and had to quit before the numbers were totally reconciled.

We also learned a good lesson on this trip. When there are 2 or more Digital mobiles converging on a convention location and they cannot hear each other (too close together), they will many times find themselves running at nearly the same time! If they use the same frequency (14.074 MHz), they can be “blasting” each other out and not even know it! The solution, of course, is better coordination, but exactly how this should be achieved has yet to be determined. It is one of the “growing pains” we will have to solve as mobile Digital operations grow.

I, for one, feel very grateful that these kinds of problems are coming up because they indicate that mobile Digital activity is finally on the verge of “taking off”!

Table 1 – W0NAC/N0LXJ DEADWOOD NATIONAL TRIP RESULTS

DIGITAL CONTACTS BY CALL SIGN										
#	CALL SIGN\ MODES	DOMINO 22	HELL 80	OLIVIA 8/1000	BPSK-31	BPSK-63	MFSK-32	RTTY-45	RTTY-75N	TOTALS
1	AA8VG	8				4		8		20
2	K0FG					8				8
3	K4PBX				4	24				28
4	K5YAA							4		4
5	K8QWY					32		12		44
6	K9EN	4				4		4		12
7	KA8JQP								4	4
8	KD5YUK					12		4	4	20
9	KE1CY	4								4
10	KU4YM	4								4
11	LU4ECN					4				4
12	N0LXJ							92		92
13	N1API	70	4			70	4	66	8	222
14	N4JT	32				40		32		104
15	N6PDB	72	4	4		86	4	86	4	260
16	N8CIJ	60				68		56	8	192
17	N9WNN	4				16				20
18	NA8W								4	4
19	NF0N					4			4	8
20	NW6S	8				12		12		32
21	NX4W	20				24		20		64
22	UX1LW					4				4
23	W1OER							4		4
24	W3DLM	8				14		8		30
25	W5QP	20				36		28		84
26	WA4UNS	36				20		28		84
27	WA6OCV	28	4	4		32	4	32		104
28	WB0PYF							4		4
29	WD4OIN	36				24		32	4	96
	TOTALS:	414	12	8	4	538	12	532	40	1560

July Activities:

Digital activities during July were marked by a minor flurry of Digital mobiles all converging on the Deadwood National convention. These included Lloyd (NX4W), Matt & Sharon (W0NAC/N0LXJ) mobile team, and Darl & Pamela (NA8W/KA8JQP) a new mobile team. Even though we only worked

the new team one time on our trip to and from Deadwood, we (and others) worked them in a series of Michigan counties (on various Digital Modes) on the 17th and 18th of July. Welcome aboard the Digital band-wagon, Darl and Pamela!

Support calls related to Digital setup, etc. have continued at a moderate, but steady pace. As always, I stand ready to help anyone who has problems or wishes to get started with Digital operations. Just email me at w0nac@comcast.net or call me any time at 303-799-3658.

The updated Table 3 is given below. Several people let me manually derive their “stats” as described in the following section, but there are many people on the list (some of who are very active on Digital) who need to either submit updated numbers or send their databases to me so I can update them. Please contact me if you need help!

Table 3 - Active Digital County Hunters Award Status

#	CALL	NAME	STATUS* (M,F,I)	USA - DIGITAL Counties (of 3077)	(1 MODE)	(2 MODES)	FIVE MODE COUNTIES (3 MODES)	(4 MODES)	(5 MODES)	TOTAL	% 5-Mode Completed	LAST UPDATED
1	AA8R	Randy	F	1000+	-	-	-	-	-	0	0.0%	9/30/2012
2	AC0B	Cliff	F	205	-	-	-	-	-	0	0.0%	12/10/2012
3	AD1C	Jim	F	-	-	-	-	-	-	0	0.0%	
4	K0DEQ	Bill	F	-	-	-	-	-	-	0	0.0%	
5	K0PVW	Rob	F	-	-	-	-	-	-	0	0.0%	
6	K0WJ	Lou	F	-	-	-	-	-	-	0	0.0%	
7	K4PBX	Jim	F	106	2575	84	6	0	0	2665	17.3%	10/15/2012
8	K5GE	Gene	F	26	1893	575	8	0	0	2476	16.1%	5/26/2013
9	K5SF	Dick	F	-	-	-	-	-	-	0	0.0%	
10	K5WAF	Bill	F	599	3044	?	?	?	?	3044	19.8%	5/2/2013
11	K7REL	Tom	F	-	-	-	-	-	-	0	0.0%	
12	K8QWY	Ed	F	-	-	-	-	-	-	0	0.0%	
13	K8ZZ	Ed	F	-	-	-	-	-	-	0	0.0%	
14	KA8IOP	Pamela	M/F	-	-	-	-	-	-	0	0.0%	
15	KC3X	Hollis	F	-	-	-	-	-	-	0	0.0%	
16	KC6AWX	Bob	F	450	3077	1592	264	59	14	5006	32.5%	5/7/2013
17	KC7YE	Jack	F	-	-	-	-	-	-	0	0.0%	
18	KD5YUK	Billv	F	-	-	-	-	-	-	0	0.0%	
19	KD7KST	Bill	M/F	1792	-	-	-	-	-	0	0.0%	9/30/2012
20	KG5RJ	Greg	F	557	3048	2062	496	147	34	5787	37.6%	5/2/2013
21	KM1C	Bill	F	-	-	-	-	-	-	0	0.0%	
22	KM6HB	Mark	F	714	3077	2936	694	87	1	6795	44.2%	2/3/2013
23	N0KV	Barrv	M/F	412	3077	2996	2064	249	24	8410	54.7%	8/26/2012
24	N0LXI	Sharon	M/F	1359	3077	2243	1194	465	234	7213	46.9%	7/26/2013
25	N1API	Al	F	313	3077	519	128	22	6	3752	24.4%	4/10/2013
26	N3HOO	Ed	F	-	-	-	-	-	-	0	0.0%	
27	N4JT	Jim	F	572	3077	3058	575	99	55	6864	44.6%	10/30/2012
28	N5MLP	Ron	M/F	391	3077	409	54	37	9	3586	23.3%	5/19/2013
29	N6PDB	Dennis	M/F	598	3077	2737	672	364	282	7132	46.4%	7/26/2013
30	N8CIJ	Dick	F	481	3077	2971	393	117	109	6667	43.3%	1/21/2013
31	N8HAM	Jim	I	0	3077	0	0	0	0	3077	20.0%	4/2/2013
32	N9WNN	Steve	F	0	2180	0	0	0	0	2180	14.2%	2/24/2013
33	NA8W	Darl	F/M	535	2993	?	?	?	55	3048	19.8%	4/6/2013
34	NF0N	Mike	F	785	3077	3077	915	108	50	7227	47.0%	12/31/2012
35	NN9K	Pete	F	816	3077	859	78	1	0	4015	26.1%	3/23/2012
36	NT2A	Gene	F	-	-	-	-	-	-	0	0.0%	
37	NU4C	Paul	F	-	-	-	-	-	-	0	0.0%	
38	NW6S	Jim	F	-	-	-	-	-	-	0	0.0%	
39	NX4W	Llovd	M/F	1135	3077	1274	436	290	97	5174	33.6%	7/27/2013
40	W0NAC	Matt	M/F	1801	3077	2811	1943	1036	407	9274	60.3%	7/26/2013
41	W3DLM	Don	F	-	-	-	-	-	-	0	0.0%	
42	W4IHI	Garv	F	-	-	-	-	-	-	0	0.0%	
43	W4SIG	Kerrv	F	-	-	-	-	-	-	0	0.0%	
44	W4YDY	Dave	F	752	3077	3077	921	213	46	7334	47.7%	3/6/2013
45	W5QP	Rick	M/F	138	3077	2362	137	57	46	5679	36.9%	5/30/2013
46	W6RK	Risto	F	-	-	-	-	-	-	0	0.0%	
47	W6RLL	Joe	F	-	-	-	-	-	-	0	0.0%	
48	W7IN	Larrv	F	-	-	-	-	-	-	0	0.0%	
49	W7QQ	Bill	M/F	-	-	-	-	-	-	0	0.0%	
50	W9JR	Rich	F	90	3077	1674	44	0	0	4795	31.2%	10/31/2012
51	W9SUQ	Larrv	F	-	-	-	-	-	-	0	0.0%	
52	WA4EEZ	Leslie	F	1034	3075	1257	483	69	6	4890	31.8%	6/4/2013
53	WA4UNS	Doug	F	-	-	-	-	-	-	0	0.0%	
54	WA6OCV	Susan	M/F	328	3077	328	320	130	10	3865	25.1%	3/28/2013
55	WA7JHO	Sterling	F	-	-	-	-	-	-	0	0.0%	
56	WB0M	Jeff	F	-	-	-	-	-	-	0	0.0%	
57	WB2ABD	Paul	F	-	-	-	-	-	-	0	0.0%	
58	WD4OIN	Jack	F	395	3077	3065	410	67	8	6627	43.1%	3/3/2013
59	WQ7A	Terrv	F	158	3077	3011	163	96	81	6428	41.8%	5/26/2013
60	WY4D	Bennie	F	-	-	-	-	-	-	0	0.0%	

How To Get Your 5 – Mode Statistics Updated:

Currently there are only 2 ways to get your 5-Mode stats for counties completed using 1-Mode, 2-Modes, 3-Modes, and 4-Modes. These are:

- 1) Pull up the following Logger screen. From the “Main” menu, click on View/Edit/Book and then select 5 Mode & States: All. This will display a large table of all 3077 counties, each of which shows the status of all five modes. If you then click on the Header for the Mode column, it will sort the table

by 1 Mode, 2 Modes, 3 Modes, 4 Modes, and 5 Modes. You then need to manually count all populated (non-blank) lines for 1-Mode, populated lines for 2-Modes, populated lines for 3-Modes, and populated lines for 4-Modes. You don't need to count the 5-Mode lines because your View/Edit/Summary screen will give you the total for 5-Modes. This is a very tedious process and prone to error!

2) Send "Zipped" copies of your database files to me. I will open your call sign database file using Microsoft Access and then open the 5-Mode Book table. I then sort each Mode column in descending order and calculate the number of records that have something in them by determining the record number of the bottom record that is non-zero. That is the number needed for this Mode column. Again, I don't need to do this for the 5-Modes column as View/Edit/Summary (5-Mode) displays this number. The reason you can't do this for yourself is that all databases are password protected plus not very many of you have Microsoft Access software.

The single number you need for the **USA-Digital Award** is always available in the Logger View/Edit/Summary screen.

The Total Number for all 5 Mode columns and the % complete are automatically calculated in the spreadsheet that appears in each month's article when numbers are inserted for all five Mode columns.

If you decide to send your databases to me for updating your stats, please carefully follow the steps below:

- 1) Make sure you are running the latest version of Logger software (4614). If not, do a manual update as described in the addendum to the latest Logger Newsletter.
- 2) Manually download the latest version of "CountyHuntersMaster.x" from the MARAC website, place it in your "C:\Logger Data" folder and complete the update process. Exact steps to take are also described in the Logger Newsletter.
- 3) Complete a recalculation (under "Tools") of the "5 - Mode" and the "USA - Digital" books. Recalculating ALL your books would be even better, but be aware that this operation may take several hours to complete. Starting it at bedtime and letting it run all night may be your best plan!
- 4) Open your "C:\Logger Data" folder and locate the following files:
 - "County Hunters - Common.mdb"
 - "County Hunter - XXXXX.mdb" where XXXXX is your call sign
 - "County Hunter - YYYYY.mdb" where YYYYY is your team mates call sign (Only if you have one!)
 - "CountyHuntersMaster.mdb" (This file is optional, but will be useful to me if you send it)
- 5) Create "Zipped" copies of these files (either individually or as a single group)
- 6) Either attach them to an email sent to me (w0nac@comcast.net) or if they are too large, send them by another method such as "Dropbox". I can also transfer them from your computer to mine using remote control software.

Possible topics for the coming months include (in no particular order) –

“How To Log Your Digital Contacts In Logger”

“Macros – Revisited”

“New Digital Awards?”

“Digital Software Installation – Revisited”

“Award Difficulty Index”

“Additional Digital Mode Test Results”

“Digital Software Choices”

But I really need your suggestions on topics for future articles! Or if you have something you wish to contribute I will certainly try and include it. Short stories describing your experiences/frustrations/etc. in getting started in Digital ops would be especially welcome. Summaries of your Digital trips would also be good. I look forward to hearing from you.

So long again.....Please email me with your comments/suggestions at w0nac@comcast.net and don't forget to send me your counties worked status on the **USA – Digital** and **5 - Mode Awards** so I can update the Digital County Hunter Status List again next month.

73's and we hope to see you on our waterfall again real soon!

Matt – W0NAC



Awards

Awards Issued For July			
Call	Date	Award	Number
AF3X	7/12/2013	RAS ALL USA	# 15
N0KV	7/16/2013	5 Star	# 65
WA4UNS	7/18/2013	5 Star	# 66
WQ7A	7/25/2013	USA-PA - K	# 26
WB4KZW	7/19/2013	USA-PA - N	# 19
W3CR	7/13/2013	USA-PA - W	# 11
K4YT	7/8/2013	Master's Gold	# 59
W8TZA	7/4/2013	BINGO	# 351
K4YT	7/1/2013	USA - Single Band	# 21 - 20 Meters - 3077 Counties
W8FNV	7/28/2013	Worked all Counties - 2nd Time	# 423
KM9X	7/25/2013	Worked all Counties - 4th Time	# 159
WA9DLB	7/27/2013	Worked all Counties - 5th Time	# 112
WG9A	7/27/2013	Worked all Counties - 6thTime	# 46
N2OCW	7/8/2013	Worked all Counties - 6thTime	# 45
W3CR	7/28/2013	Worked all Counties - 8th Time	# 13

Roadrunner Issued For July				
Call	Date	Count	Award	Number
WQ7A	7/18/2013	Last County Count 475	Last County Count 475	# 36
AB7NK	7/5/2013	Last County Count 25	Last County Count 25	# 507
AB7RW	7/8/2013	Last County Count 100	Last County Count 100	# 239
KN4Y	7/16/2013	Last County Count 100	Last County Count 100	# 240
K3IMC	7/18/2013	Last County Count 425	Last County Count 425	# 39
N4CD	7/18/2013	Last County Count 2225	Last County Count 2225	# 1
K7RE	7/28/2013	Last County Count 25	Last County Count 25	# 508



Birthdays

Roadrunner - Birthdays	
Call	Birthday Date
AA4GT	Aug - 01
N5WD	Aug - 01
W7CB	Aug - 01
K5CM	Aug - 01
WA6HBV	Aug - 01
K3TEM	Aug - 01
WA5BDU	Aug - 01
N5HLG	Aug - 01
W1BPT	Aug - 01
K8ZZ	Aug - 01
W1EKZ	Aug - 02
AJ5ZX	Aug - 02
K3MI	Aug - 02
HB9RG	Aug - 02
NO3X	Aug - 02
WC5B	Aug - 03
N9ID	Aug - 03
N3PYQ	Aug - 03
K6INM	Aug - 03
KR0G	Aug - 04
N5WRX	Aug - 04
AE5EA	Aug - 04
K0FG	Aug - 04
N2JNE	Aug - 04
KX4XX	Aug - 04
AC4XL	Aug - 05
N8EMV	Aug - 05
AB7RW	Aug - 05
NG0T	Aug - 06
N5OHQ	Aug - 06
N9RNG	Aug - 07
K8ZKJ	Aug - 07
EA8CTB	Aug - 07
WA1UDI	Aug - 07
KD7RM	Aug - 07
WN8F	Aug - 08
KF0LZ	Aug - 08

Roadrunner - Birthdays	
Call	Birthday Date
W7IN	Aug - 08
W9DND	Aug - 08
KB0KX	Aug - 08
KI6YX	Aug - 08
AF8CS	Aug - 08
AA5LM	Aug - 09
KE9OI	Aug - 09
K9XE	Aug - 09
KK0J	Aug - 10
AK4P	Aug - 10
W7ZC	Aug - 10
KD0U	Aug - 10
KN4EH	Aug - 10
AC2J	Aug - 11
WW8O	Aug - 11
AA9JY	Aug - 11
NOBZ	Aug - 12
AF0O	Aug - 12
KI7SS	Aug - 12
KQ6MN	Aug - 13
KA1LSD	Aug - 13
NP2C	Aug - 13
WA0UPL	Aug - 14
K4YT	Aug - 14
AA1VA	Aug - 14
KC4OV	Aug - 15
W4QCP	Aug - 15
K0JV	Aug - 16
WQ7A	Aug - 16
KV4GO	Aug - 16
K2UPD	Aug - 17
KA4TYG	Aug - 17
KB3FN	Aug - 17
K7NN	Aug - 17
AJ4A	Aug - 17
N5QLZ	Aug - 17
KG4NNK	Aug - 17

Roadrunner - Birthdays	
Call	Birthday Date
W8PN	Aug - 18
KW7JS	Aug - 18
K9IR	Aug - 18
W0FP	Aug - 18
WA7JHQ	Aug - 19
WK9O	Aug - 19
W9HB	Aug - 20
WB4ZXP	Aug - 20
AB7CB	Aug - 20
K6BM	Aug - 21
WA4VCB	Aug - 21
KF8XK	Aug - 21
KJ4JC	Aug - 21
AD4RE	Aug - 21
K0NO	Aug - 22
N7MT	Aug - 22
W7RIP	Aug - 22
NW6S	Aug - 22
WD4HVZ	Aug - 22
KK0JX	Aug - 23
AA8R	Aug - 23
K7DOL	Aug - 23
K9HUH	Aug - 23
KW1DX	Aug - 23
KB5JN	Aug - 23
K6SSD	Aug - 23
N0UR	Aug - 24
WW1H	Aug - 24
N5PB	Aug - 24
AA0LV	Aug - 24
KD4HXM	Aug - 24
KW4V	Aug - 24
WT3W	Aug - 24
W4SIG	Aug - 24
W2CC	Aug - 25
K0CO	Aug - 25
K9DZG	Aug - 25

Roadrunner - Birthdays

Call	Birthday Date
W1PX	Aug - 25
KB4JAA	Aug - 25
KE4UP	Aug - 25
W4SKW	Aug - 25
N5LP	Aug - 25
K8ZEE	Aug - 25
NS3U	Aug - 26
WA4PGM	Aug - 26
K5JF	Aug - 26
W0UBT	Aug - 26
N0GAK	Aug - 26
WB4VFN	Aug - 26
KC0VYS	Aug - 26
N7HT	Aug - 27
W0CML	Aug - 27
W8CE	Aug - 27
AG4IF	Aug - 28
K7WY	Aug - 28
KC7JC	Aug - 28
W4IO	Aug - 28
WA4QPD	Aug - 29
N9AZI	Aug - 29
WQ1H	Aug - 29
NR2S	Aug - 29
W0ETT	Aug - 29
WE5EE	Aug - 29
WD5GNX	Aug - 29
N4USM	Aug - 29
K6NA	Aug - 29
KJ8W	Aug - 30
K0UMD	Aug - 30
WC8R	Aug - 30
NU7G	Aug - 30
W3HZB	Aug - 31
N6KMR	Aug - 31
KI0RD	Aug - 31
W8DUV	Aug - 31

Roadrunner - Birthdays

Call	Birthday Date
K0IG	Aug - 31
KR6F	Aug - 31
W8BMZ	Aug - 31
K9FRW	Aug - 31



**Treasurer's Report (W0NAC)
June 2013***

Beginning Account Balances June , 2013		\$35,054.58
June Income:		
Money Market Interest	\$2.14	
Awards Manager Income	\$647.00	
Membership Income	\$517.29	
Logger distribution	\$60.00	
Total Income:		<u>\$1,226.43</u>
May Expenses:		
Awards Manager Expenses	\$521.15	
Office Expenses	\$0.00	
Total Expenses:		<u>\$521.15</u>
May Net Income Less Expenses		\$705.28
New Total Balance ALL Accounts:		\$35,759.86
Checking Account Balance	<u>\$4,737.65</u>	
Money Market Account Balance	<u>\$31,002.21</u>	
Total:		\$35,759.86

Note:

The following monies are not included in the above:

Awards Chairman's Funds \$1,500.00

* Includes June Transactions Thru 7/6/2013



**Awards Manager's Report
July 31, 2013**

Funds Balance June 30, 2013		\$1,500.00
Income	\$ 470.50	
		<u>\$ 470.50</u>
Expenses:		
Office supplies	\$ 213.95	
Plaque Suppliers	\$ 115.00	
Postage	\$ 105.27	
		<u>\$ 434.22</u>
Sent to Treasurer		\$ 470.50
Reimbursement received from Treasurer		\$ 434.22
Funds Balance July 31, 2013		\$1500.00



Calendar

~ August 2013 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
ONLY START DATE SHOWN	CLICK ON EVENT TO GO TO THAT WEB SITE			1	2 NS CW SPRINT	3 10-10 SSB QP NA CW QP
4	5	6	7	8	9	10 STRT KEY SPRINT MD-DC QP
11	12	13	14	15	16	17 NA SSP QP
18 ROOKIE DIGI RNDUP	19 RUN4BACON	20	21	22	23	24 HI QP KS QP OH QP
25	26	27	28	29	30	31



Dave's Call

Dave KU4YM

“It was the best of times, it was the worst of times...” are the opening words of Dickens’ *A Tale of Two Cities* and could be the description of our 45th annual National convention in Deadwood, SD.

If you arrived on the 11th of July, you may have enjoyed the tour of Deadwood including Boot Hill and the graves of Wild Bill Hickok and Calamity Jane, Lead (pronounced leed) and the train roundhouse. Another tour included shopping and a winery. Everybody was having a good time.

Friday started out well but became “the worst of times.” A longer tour left at 8 and moved to Mount Rushmore. An hour later our tour headed out in the same direction. By the time we finished Rushmore and were about to reboard the bus, someone got “the call.” It was reported that our host and organizer, Leo WY7LL, had had a heart attack while on the other, longer tour. A short bit later, another call revealed that Leo had, in fact, passed. Wow, the bus ride to Crazy Horse was subdued to say the least.

What to do? Cancel the rest of the National? Limp along? Leo’s bride and co-host, Chris, WY7ML, passed the word through her tears that Leo definitely would have wanted us to continue on and to have fun.

Ellen and I did not attend the Friday barbeque. (After you’ve lived in Memphis, can you yield to another kind of barbeque?) We did enjoy a delightful dinner in downtown Deadwood at the Saloon No. 10, named after the site where Wild Bill had been killed. While we dined on the rooftop we saw two beautiful rainbows over Boot Hill. The ancient Greeks considered rainbows to be a path from the earth to heaven. In American Indian culture the rainbow is considered “a sign of the omnipotent grace of the Great Mystery.” Don’t you think in view of the news of Leo earlier in the day, the appearance of a double rainbow was especially timely and awe-inspiring?

The banquet on Saturday went on as planned with Randy, AJ5ZX, providing a wonderful heartfelt tribute to Leo and memorable comfort for all of us.

My thanks to all for the CHOTY award. As I tried to convey at the banquet, I would not and could not have the honor without you. You do the committee reports. You write the articles. You make it MARAC’s newsletter. I’m merely its caretaker.

73 Dave KU4YM



SE Mini**2013 SE Mini**

- Location: Quality Inn & Suites; Mount Pleasant, SC
Dates: October 7, 8 & 9, 2013
Directions: Follow I-26 East until it ends and take exit 220. Follow signs to Mt. Pleasant/Hwy 17 North. Cross Cooper River Bridge and take Coleman Blvd./Hwy 703 exit. On Coleman Blvd/Hwy 703 turn right at first traffic light. Hotel is on the right.
More details will be posted at <http://www.SEMINI.org>
Room Rate: \$99.99 per night plus tax. Call the hotel directly for reservations and mention "amateur radio". The phone number is 800-704-4480. The rate is valid only through September 13th - Make your reservations early!
Hotel Notes: There is a 2 night minimum stay, and a one night deposit is required. Cancellations must be done 2 weeks in advance, and all but \$25 of your deposit will be refunded. Cancellations within 2 weeks will be charged for 2 nights.
Parking: Ample FREE parking, with no overhangs to eat antennas!
Activities: Dinner at the "Fat Hen" and walking the bridge are planned. Other area attractions include Historic Charleston tours, shopping, dining, golfing, plantations, Patriot's Point, The Hunley & Fort Sumter.
Dinner: Buffet Style Dinner- \$28 per person.
Registration \$10 per person.
Website: More information, including online registration is available at: <http://www.semini.org>

Send registration and fees to:

John M. Hoyt – W5UGD
118 Halifax Rd
Easley, SC 29642

Email: w5ugd@homelandsecureit.com for additional information

2012 SE Mini Registration

Callsign: _____

Name (to be put on badge):

Address:

USA-CA#: _____

Additional Names/Calls/USA-CA Numbers:

Basic Registration:		10.00
Additional Registrations	_____ x 10.00	_____
Banquet Tickets	_____ x 28.00	_____
Total		_____

Awards Committee

These MARAC members are serving on the Awards Committee:

Awards Manager - Bob Devine (KC6AWX)

Phil Yasson (AB7RW)

Bob Gedemer (KA9JAC)

Dave Splitt (KE3VV)

Kent Reinke (KL1V)

Ed Palagyi (KN4Y)

Leo Bingham (WY7LL)(SK)

“Matt” Matthew (W0NAC)

David Pyle (KW1DX))

The County Line Roadrunner
MARAC Secretary
2690 Bohicket Rd
Johns Island, SC 29455

“A Road Runner Is A Very Fast Bird”

Monthly Deadline for Articles is the 25th!

Board of Directors

President: David Splitt, KE3VV, 6111 Utah Ave NW, Washington DC 20015, 301-300-2818, davidsplitt@erols.com

Vice-President: Leo Bingham, WY7LL(SK), 28 Buck Dr, Pine Haven, WY 82721, 307-686-8230, wy7ll.lightningleo@gmail.com

Secretary: Jim Grandinetti, KZ2P, 2690 Bohicket Rd, Johns Island, SC 29455, 843-323-8385, k2jg@comcast.net

Treasurer: Matt Matthew, W0NAC, 17525 Wilde Ave, Unit 108, Parker CO 80134, 303-941-0867, w0nac@comcast.net

Great Lakes Director: Dan Mulford, KM9X, 5225 N Co Rd 100E, Osgood IN 47037, 812-498-6702, km9x@frontier.com

North Central Director: Tony Mazzocco, WA9DLB, 275 E County Line RD, Barrington, IL 60010, 224-678-5265, wa9dlb@hotmail.com

Northeast Director: Carol-Ann Reitman, AB2LS, 100 Woodbury Rd, Highland Mills, NY 10930, 845-928-6238, ab2ls@optonline.net

South Central Director: Barry Mitchell, N0KV, 12200 Boothill Dr, Parker, CO 80138, 303-842-5635, n0kv@arrl.net

Pacific Director: Robert T. Devine, KC6AWX, 407 Alameda Del Prado, Novato, CA 94949-6302, 415-883-8980, kc6awx@marac.org

Southeast Director: Kerry Long, W4SIG, 1385 Auburn Woods Dr, Collierville TN 38017, 901-331-1881, kerrylong@comcast.net

Immediate Past President: Joyce Boothe, WB9NUL, 21175 FM2556, Santa Rosa, TX 78593 1-956-202-3373, joycenul@aol.com

Appointees

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