



THE COUNTY LINE ROADRUNNER

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Riding the County Lion

Dave – KE3VV

While the blustery, snowy winter ravaging the Northeast and Mid-Atlantic States has not followed us down to Florida, the Big Green Dragon and the County Lion are looking very damp from the chilly rain – and by “chilly” I mean the ‘60’s – not exactly balmy but a far cry from not being able to open the front door because of the snow drifts like the folks in Beantown. So I am sitting indoors watching the raindrops accumulate on the roof of the screened porch outside my office window and the palm trees waving in the breeze. Can’t really complain about not having to fire up the snow blower, and the County Lion reminds me that the forecast for next week is sunny to partly cloudy with temps in the high ‘70’s and low ‘80’s. What’s not to like?

The January meeting of the MARAC Board of Directors tackled a couple of major issues and some award rules housekeeping. The Board first appointed directors to fill the vacant director positions representing the South Central and Northeast districts. Appointments require a majority of the Board – not always an easy majority to attain (in part because, as MARAC President and chair of the meeting, I only vote if needed to break a tie) but a solid majority of all board members voted to appoint Dick Brocaw (K5VYT) to the South Central District Director position and Al Keiser (N1API) to the Northeast District Director position. Both are long time county hunters and I am sure they will run for election to the positions in the upcoming election. I also want to thank Jerry Chouinard (K5YAA) and Charlie Steele (N2JNE) for volunteering to serve in these positions – while not appointed, their willingness to serve their fellow county hunters as MARAC directors was very much appreciated by the Board.

The Board unanimously approved a recommendation by Southeast District Director Kerry Long (W4SIG) to conduct a survey of the membership for their input on how to “grow” the club and

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better serve the members. The survey will be submitted to the Board prior to dissemination to the membership. As an immediate action to expand awareness of county hunting and recruit new members, the Board authorized Kerry to rent a booth at the 2015 Dayton Hamvention and purchase all necessary banners, flyers, posters and other “hand-outs” to help promote MARAC.

The Board considered and unanimously approved the recommendations of the Awards Committee to clarify some of the Award Rules and add a new award. The County Lion reminds me that unanimous means all of the Board members except the President – who only votes when there is a tie among the other officers and directors. The first housekeeping amendment added language to the USA-CW award to authorize sequential numbered awards for USA-CW II, USA-CW III, and so forth. This makes official a practice that was ongoing even before MARAC assumed responsibility for the award. The Big Green Dragon is happy because that means that my award for USA-CW II (second time around) is truly official under the rules.

The Board also clarified the Bingo rules to authorize special event (1X1) call signs to be used as short call signs (2x1, 1x2, or 2x2 call signs). The Board also memorialized the action taken by the Awards Manager to modify all of the rules that used to award seals for each level to eliminate the red, blue, and gold seals and replace them with a newly created upgrade certificate for each level. The Roadmaster Award (for making contacts with amateur radio operators while operating mobile from multiple counties and states) was deleting for lack of interest over many years. Finally the Board adopted a new award - USA-SSB award, upgrading the current SSB endorsement for working all counties to a separate award for making contacts with amateur radio operators in All USA Counties using the single sideband mode. Like all new numbered awards, the USA-SSB Award has a start date of the day after the Board adoption of the award – in this case, contacts for the USA-SSB award must be made on or after February 5, 2015 (Zulu).

In a setback for all county hunters, W0NAC reported that programming for Logger II has been suspended with the resignation of Dave (KW1DX) as head developer on the Logger II team. The Board has begun to explore alternatives, including outsourcing the completion of Logger II to a professional developer. Because of the potential impact on the MARAC treasury of the cost of completing Logger II, the Board voted to put off the establishment of an annual MARAC scholarship that would be administered by the Foundation for Amateur Radio. I did not get to vote on this, but I think it is a good idea for using some of the MARAC funds, along with other ideas, such as the suggestion by Bob (KC6AWX) that current members be granted a dues-free extension of their membership. I am sure that both of these ideas will be revisited when we have a better idea how much it will cost to develop Logger II. The official minutes will be published after approval by the Board at the next meeting.

After the meeting, the floor was opened to the membership for a brief Q&A. The meeting was held using both the MARAC chat room (mIRC #maracboard) and my personal telephone conference call-in room – so members could actually listen to the discussion of items by the Board (and I called the role for each vote) and participate in the post-meeting Q&A.

The County Lion is yawning – Saturday without a nap is not what lions do when the weather is too lousy for a road trip. So until next month when the days will be lots longer and warmer, 73 and 88 from the Lion, the Big Green Dragon, and me.



Dateline CW

Ed, KN4Y

A CW county hunter can return to the same county, but cannot return to his youth.

I lost an hour when I changed my clocks to daylight saving time and to handle my remorse I am looking at some certificates I received. There are three certificate of achievement from the ten-ten international net, a second place finish in both the Colorado and Missouri QSO party and first place in the Minnesota QSO party. I celebrate by enjoying a toasted bagel with cream cheese. I am listening to the county hunter's 17-meter CW frequency and I hear Jerry call QRZ. I make a quick contact and my spirits are renewed. I hear the roar of Gator's truck as he enters the driveway and slides to a stop at the recycled railroad tie. Gator enters into the radio shack, "Greetings Dude, doing anything exciting?" Gator places a white carton on the desk "Have a latte Dude; you will feel more like a county hunter." I did and I do.

Gator sits at the computer, "I read where the 10-10 International Net no longer has their annual convention, the reason I would guess is lack of participation." I sip my latte, "Yes Gator, the convention is a time where the club members would get together and bull-shit for hours. Now with the social media the same thing can be done on a regular basis without leaving their QTH." Gator sips his latte, "Do you think this might happen to the MARAC annual convention?" I shake my head, "That could happen; I read that no one has volunteered to sponsor the 2016 convention." Gator raises his hand, "Dude, did you know the North American sideband sprint is discontinued." "Yes, same reason."

I split a bagel and put the two halves into the toaster and get my stainless steel brie knife to spread the cream cheese, I hand Gator a bagel, "Relax and enjoy a hot bagel with your latte." Gator bites into the bagel getting cream cheese on his lips, "Dude, I found some good news, that Tennessean Kerry (W4SIG) is getting married." I shake my head, "Kerry will quit running counties in ten months. Mark my word." "No way, want to bet?" "You're on." Gator's eyes light up, "I see where you got a LC award from Chuck, NM1G. Did you thank the Dude?" "I have it on my bucket list."

I hand Gator a memory stick, "Check out my CQ world wide 160-meter CW contest log." Gator inserts the memory stick and after a few minutes he gives me a thumb up, "Not bad for one day operation, you got 16 new counties on 160-meters, what happened the first day?" "I just forgot about the contest." "Is your memory going? I see you worked the ARRL VHF Contest but I see no log." I nod my head, "I called and called on CW but no contacts, it was like fishing in a bathtub." Gator is not paying attention.

I am enjoying my bagel and latte when Gator gives me a thumb up, "I just found your 2015 Minnesota QSO party. Hold on while I bring the program up." Gator shakes his head, "Nothing to slap the dog about, you worked 50 counties and only got 5 No Stars and 3 new counties on 80-meters." "You miss the point Gator. It is the fun of the chase working the seven mobiles on CW moving from county to county and band to band. Check to see how many of the mobile operators are a member of MARAC." Gator sips his latte as he runs the routine, "There are five MARAC members; Vern, AC0W, Pat, K0PC, Spirit Valley Club, N0EO, Scott, NE9U and Jon, W0ZQ. The other two mobiles were local yokels, John, N0IJ and the Minnesota Wireless Association, W0AA." Thanks Gator, the success of a QSO party is a function of the number of mobiles running counties on CW." (f/M) x # = Awesome event).

Gator sips his latte, "Dude I read the date for the Michigan Mini is April 23 – 25th. I think we should go to the mini because on Saturday Jerry, W0GXQ and Mike, NF0N will have a presentation on SSB and

CW team operation, whatever that is.” “Yes I would like to go, but you know I have been banned from the State.” “I forgot about that.” Gator is laughing as he gooses the mouse, “I see you made 150 QSO’s on the way to the bowling tournament and ran four counties, how did the new tuner function?” “It was great Gator, full output on all bands. I started with a cold radio and the frequency varied until the radio warmed up. I also received a LC from AB7NK and KS4BO.” “Did you thank them?” “I have it on my bucket list.”

Suddenly we hear Gators cell phone go ding-a-ling, “Sorry Dude I have to move from here to the outside at a different location. One of the cooling towers shut down.” He is gone like a solar flare and I hear him yell, “I will never forget you Elly May.” I shut the door. The printer starts and I get the printout, it is a list of mobiles heard during February on the CW county hunters call frequencies.

I read: AK8A, K0FG, K1TKL, K7IM, K7TM, K8ZZ, K9JWV, KA8JQP, KB0BA, KC7YE, KN4Y, KO7X, KW1DX, N1EN, N1FD, N4CD, N6PDB, N7IV, N9AC, N9JF, NA8W, NM2L, VA3XOV, W0AA, W0GXQ, W1U, W4SIG, W8OP, WA2CNJ and WA4PGM,

Going into the month of March means getting closer to summer, I rather bitch about the heat. Darn, I forgot to tell Gator about the 200 QSO’s and 60 countries I worked in the ARRL DX contest. I jot a note on a post-it. The month of March literally starts with the North Carolina QSP party and I hope everyone worked the 100 counties. Next on the schedule are the Louisiana QSO party with 64 counties., the Idaho QSO party with 44 counties, the Wisconsin QSO party with 72 counties, the Oklahoma QSO party with 77 counties and finishing out the month is the Virginia QSO party with 95 counties. I heard from an almost reliable source that Norm, king of the recliners, W3DYA, plans to operate in the Louisiana and Oklahoma QSO parties. This fact alone makes it worth the admission. Want to enjoy a Redneck CW experience in a two hour contest on a dead band, try the YL CW party. Gosh, it takes longer to rest than to get tired. Nap time.

SPRING BEGINS; GET THE MOBILE READY TO GO!



MARAC Silent Keys

Callsign
WB9STT

Silent Key Date
February 15, 2015

National Thoughts

Thought it might be an idea to insert something about The Villages in the next newsletter. Unsure whether to attend Central Florida? Yes it can be hot and humid but lots of other places are the same in the summer. No need to be put off as we Village residents do have something called air conditioning!!! and over 100,000 of us survive. Please take a look at what there is to offer inside and out ‘of the bubble’. Google ‘Things to do in and around The Villages, Florida’. From KE3VV’s report this might well be the last MARAC national so let’s make it one to remember. Carol AB2LS

BOD Highlights**MEETING OF THE BOARD OF DIRECTORS
MOBILE AMATEUR RADIO AWARDS CLUB**

President David Splitt (KE3VV) called the meeting to order at 7:02 PM/EST on February 4, 2015 via Teleconference and the mIRC MARACBOARD chatroom.

Board Members present:

President – David Splitt (KE3VV)
Past President – Joyce Boothe (WB9NUL)
Secretary – James Grandinetti (KZ2P)
Treasurer – Matt Matthew (W0NAC)
Great Lakes Director – Dan Mulford (KM9X)
North Central Director – Tony Mazzocco (WA9DLB)
Pacific Director – Robert Devine (KC6AWX)
Southeast Director – Kerry Long (W4SIG)

Motion by KZ2P to appoint Al Kaiser (N1API) as Northeast Director to serve until the end of the next Annual Meeting to be held July 2015. Seconded by WB9NUL. The motion was approved by a vote of 6 in favor and 1 opposed.

Motion by KZ2P to appoint Richard Brocaw (K5VYT) as South Central Director to serve until the end of the next Annual Meeting to be held July 2015. Seconded by WB9NUL. The motion was approved by a vote of 5 in favor and 2 opposed.

Motion by WA9DLB to accept the minutes of the July 14, 2014. Seconded by KC6AWX. The motion was approved by a vote of 7 in favor and none opposed.

Motion by KC6AWX to approve the Treasurer's Reports for June 2014, July 2014, August 2014, September 2014, October 2014, November 2014 and December 2014. Seconded by KM9X. The motion was approved by a vote of 6 in favor, 1 abstention and none opposed.

Motion by KZ2P to approve Awards Manager's Financial Reports for July 2014, August 2014, October 2014, November 2014, December 2014 and January 2015. Seconded by WA9DLB. The motion was approved by a vote of 6 in favor, 1 abstention and none opposed.

Old Business

W4SIG requested Board approval to survey the membership requesting suggestions on how to "grow" the club and better serve the members. The survey will be submitted to the Board prior to dissemination to the membership. The request was approved by the Board.

Motion by W0NAC to have W4SIG rent a booth at the 2015 Dayton Hamvention, purchase all necessary banners, flyers, posters and other "hand-outs" to help promote MARAC. Seconded by KC6AWX. The motion was approved by a vote of 7 in favor and none opposed.

New Business

KZ2P reported that he filed MARAC's 2014 Annual Reports with both the State of Kansas and the A.R.R.L. The new Registered Agent for MARAC in Kansas is InCorp.

Motion by WB9NUL to accept and approve the Awards Committee's additions, clarifications, modifications and adopt a new award as presented (below) by KC6AWX. Seconded by WA9DLB. The motion was approved by a vote of 7 in favor and

none opposed.

- (a) Motion to add the following language to the USA-CW Award:
After completing USA-CW, each sequential award (USA-CW II, USA-CW III, etc.) can be worked by **Starting Over** and working **All USA Counties** for the sequential award.
- (b) Motion to clarify that special event call signs may be used as short call signs for Bingo:
Short Call Signs: Any letter that matches the first letter of the county name may be used from 1x1, 2x1, 1x2, or 2x2 call signs
- (c) Motion to modify all awards to eliminate seals and replace with upgrade certificate:
Example: DX Mobile Award
~~Seals for 50 (Red), 75 (Blue), and 100 (Gold) DXCC entities~~
New Certificate for Seals for 50, 75, and 100 DXCC entities
- (d) Motion to delete the Roadmaster Award (for making contacts with amateur radio operators while operating mobile from multiple counties and states.
- (e) Motion to adopt the USA-SSB award:
USA-SSB Award
OBJECTIVE: To make contacts with amateur radio operators in **All USA Counties** using **SSB Mode**.
SPECIAL RULES: Any **Valid Contacts** using SSB submitted for other MARAC awards may also be used for this award.
AWARD LEVELS: No intermediate levels. **USA-SSB** is awarded for working **All USA Counties**.
After completing USA-SSB, each sequential award (USA-SSB II, USA-SSB III, etc.) can be worked by **Starting Over** and working **All USA Counties** for the sequential award.
START DATE: **February 5, 2015** (Zulu)
APPLICATION AND FEES: Standard application, logs, and fees.

W0NAC reported that programming for LOGGER II cannot and will not proceed. KE3VV stated that he will try to find an outside source to continue to program and develop LOGGER II.

Motion by W4SIG to establish an annual \$500.00 MARAC scholarship to be administered by The Foundation for Amateur Radio. Seconded by KM9X. The motion was not approved by a vote of 3 in favor and 4 opposed.

KC6AWX withdrew his motion to extend every member's membership expiration date by 3 years. The rationale for the motion was to reduce MARAC's funds surplus and simultaneously benefit the membership. Bob withdrew the motion because he feels that due to the probably additional expense involved in developing LOGGER II that MARAC should husband its monies.

Being no further business to discuss, motion by WB9NUL to adjourn the meeting at 8:09 PM/EST. Seconded by KM9X. The meeting was adjourned by a vote of 7 in favor and none opposed.

Respectfully submitted,
James Grandinetti, Secretary



**Nominations for CW and SSB
County Hunter of the Year
Second Request**

Nominations are now in order for the 2015 CW and SSB County Hunter of the Year Awards. Nominations must be received by your District Director not later than March 31ST and should contain a brief list of reasons for the nomination. Your District Director will select one nominee (one for CW and one for SSB) from those received and forward that selection, with the reasons for the selection, to the

Election Coordinator no later than April 15th. Prior winners (per mode) are not eligible to receive this award a second time. Please read the requirements for County Hunter of the Year and support those members who work to make MARAC the vibrant organization that it is.

**MARAC 2015 ELECTIONS ANNOUNCEMENT
Last Request**

Nominations are currently open for the following Directorships:

- Great Lakes Director – 3 year term expiring 2018
- Southeast Director – 3 year term expiring 2018
- North Central Director – 2 year term expiring 2017
- South Central Director – 2 year term expiring 2017
- Northeast Director – 1 year term expiring 2016

Also nominations are being accepted for the position of Vice President for a 1 year term expiring 2016.

Nominations will be open for 60 days - from January 5th through March 10th. Nominations must be received and affirmed by the nominee by no later than March 10, 2015. Any current member of MARAC is eligible to run for office. For the District Director position you must live within the District which is listed on the MARAC website.

If you are willing to serve MARAC in an elected position, please send your nomination to KR@GCI.NET or via regular mail, which must be received on my end by March 10th.

MARAC VOTING INFORMATION

Remember, if you are a new member or are REJOINING following a lapse in membership, you are **NOT** eligible to submit nominations or vote in an election until the first day of the month following receipt of initial payment of dues and valid membership application to the Secretary of MARAC.

Those individuals maintaining uninterrupted membership status are not restricted from nominating or voting in the current month.

If you are unsure of your membership status, please go to the MARAC web site at <http://marac.org> click on Member Database and enter your call in Call Lookup to determine your MARAC Expiration Date.

BALLOT RECOGNITION
3rd Quarter 2015

I would like to congratulate the following stations for receiving recognition from their peers and votes in the 3rd quarter award voting. They are in no particular order and have received at least 3 points. They are given 2 points for a first place and 1 point for a second place vote. There were 45 electronic ballots received this quarter.

NET CONTROL SSB: WY8I, KA1JPR, AB7NK, KZ2P

NET CONTROL CW: N0KV, N4CD, W0GXQ, K0DEQ, NM2L, K7VAY

BEST MOBILE SSB: K2HVN, AA9JJ, W5UGD, AB7NK, N9QPQ, W4SIG, W5RIT, W0GXQ

BEST MOBILE CW: N4CD, W0GXQ, W4SIG

BEST TEAM: AA9JJ/N9QPQ, W5UGD/W5RIT, N0KV/N0DXE, KB0BA/N0XYL, N6PDB/WA6OCV, AB7NK/K7SEN

**Kent Reinke KV7N
MARAC Election Coordinator
1826 East 4500 North
Buhl, Idaho 83316**



Digital Happenings

DIGITAL HAPPENINGS #31

(February 2015)

By W0NAC ("Matt")

By the time you read this the "Intrepid Trio" of Jim (N4JT), Mike (KG5UZ), and Cheryl (KJ5PQ) will have already arrived in the islands and already completed running Hawaii County. You may be able to work them on the Kalawao/Maui CL on March 2nd and March 4th. They plan to run Kauai County on March 6th (and possibly the 8th) plus Honolulu County on March 26th. They plan on running 4 digital modes including DOMINO-22, MFSK-32, CONTESTIA 4/500, and PSK-63. Their planned start time is about 1700Z, but they suggest that people check the K3IMC site (Planned Trips) for updated information a day or so before these dates.

Their trip will be giving some of us a "once in a lifetime" opportunity to finish both the **USA – Digital and 5 – Mode** awards for Hawaii and I expect their operations will be extremely popular! However, to avoid pileups and save everyone's sanity, I recommend that all stateside stations planning to work them create (in advance) a "Needs Matrix" (how to do this was described last month) to help avoid unnecessary calls. For example, here is my own "Needs Matrix" for Hawaii:

W0NAC Needs Matrix For Hawaii											
County	Mode 1	Mode 2	Mode 3	Mode 4	Mode 5	Total Modes Needed	Other Need #1	Other Need #2	Other Need #3	Other Need #4	Other Need #5
HAWAII	SSB	RTTY	PSK	FM	CW	0		12 Stars		30M	
KALAWAO	SSB	PSK	FM	CW		1 (Non PSK)	2X3 Call	20 Stars		30M	40M
MAUI	SSB	PSK	FM	CW		1 (Non PSK)		20 Stars		30M	
KAUAI	SSB	PSK	FM	CW		1 (Non PSK)		17 Stars		30M	
HONOLULU	SSB	RTTY	PSK	FM	CW	0		12 Stars	17M	30M	
				(Green = Have)		(Red = Need)					

What this matrix tells me is that:

1) To finish 5-Mode, I only need to make **one** contact using **one** mode (other than PSK) with any one of the mobiles in Kalawao, Maui, and Kauai. Once these contacts are completed I don't need to call them while they are using any of the other 3 planned modes.

2) As a side benefit, I can log 12 Stars whenever I work all three mobiles while using any mode. These contacts would finish all 20 Stars for Hawaii and Honolulu; leaving only 8 Stars to go for Kalawao and Maui, and 5 Stars to go for Kauai.

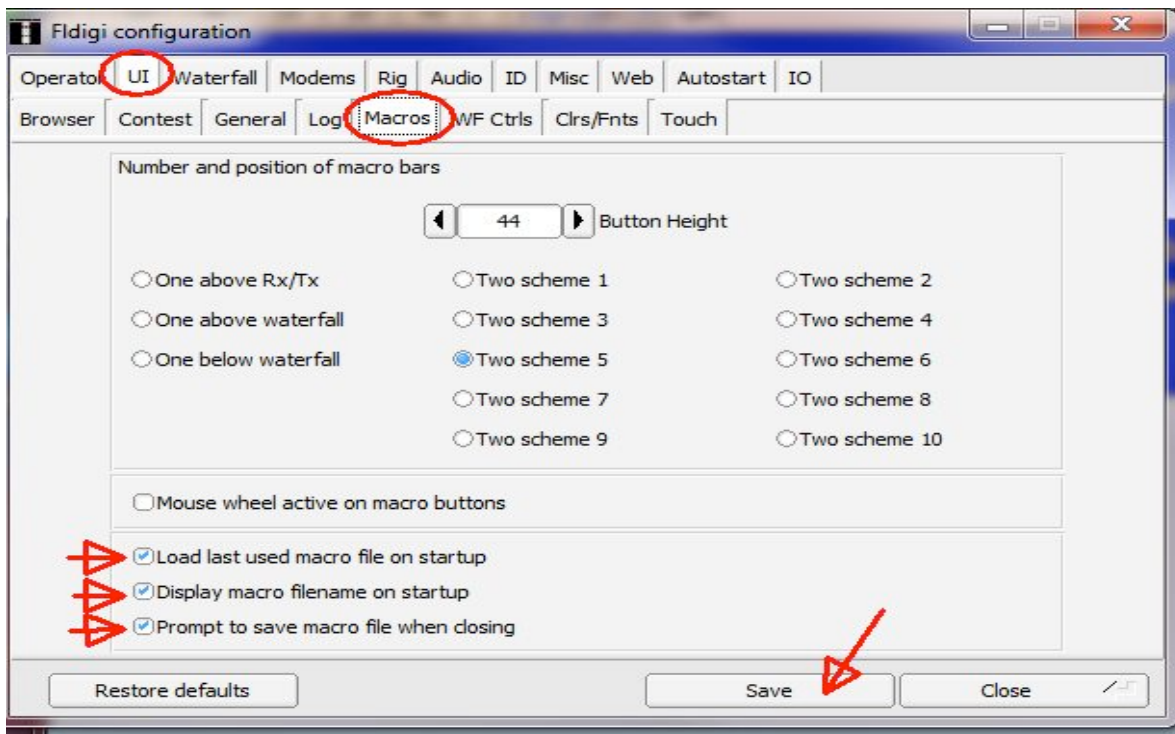
Other operating techniques that you might consider using are given later.

Fldigi Tips:

- 1) **Latest Version of Fldigi** - 3.22.05. If you haven't already done so, you should update now.
- 2) **How to Use, Modify and Create New Macros** – Some of this material has been covered in previous articles, but needs to be covered again in more detail.
 - a) **Using Macros** – First, all macro file names end with a file extension of ".mdf". For example "CountyHunter Fixed.mdf", "CountyHunter Mobile.mdf", and "Casual QSO Fixed.mdf" are all valid file names. They are really plain text files (containing parameters for 40 individual macro buttons) and can be edited with almost any text editor, but properly

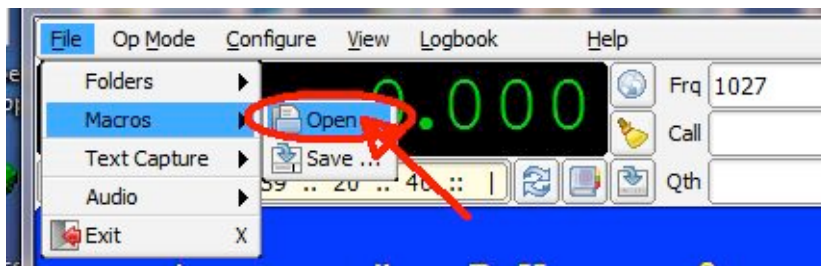
formatting the text is critical. For that reason, Fldigi provides a simple macro editor which is very convenient, easy to use, and automatically formats your macro file. More about this in a bit.

Your macro files can be located in any folder you wish to use, but the default folder is “C:\Users\\fldigi.files\macros” (I recommend that you use this default). When you initially setup Fldigi, you need to “point” it to this default folder. Thereafter, Fldigi will remember this location for all macro file operations. However, you should first configure your UI by clicking on Configure (In the Main menu), User Interface, and then the Macros tab to get the following screen:

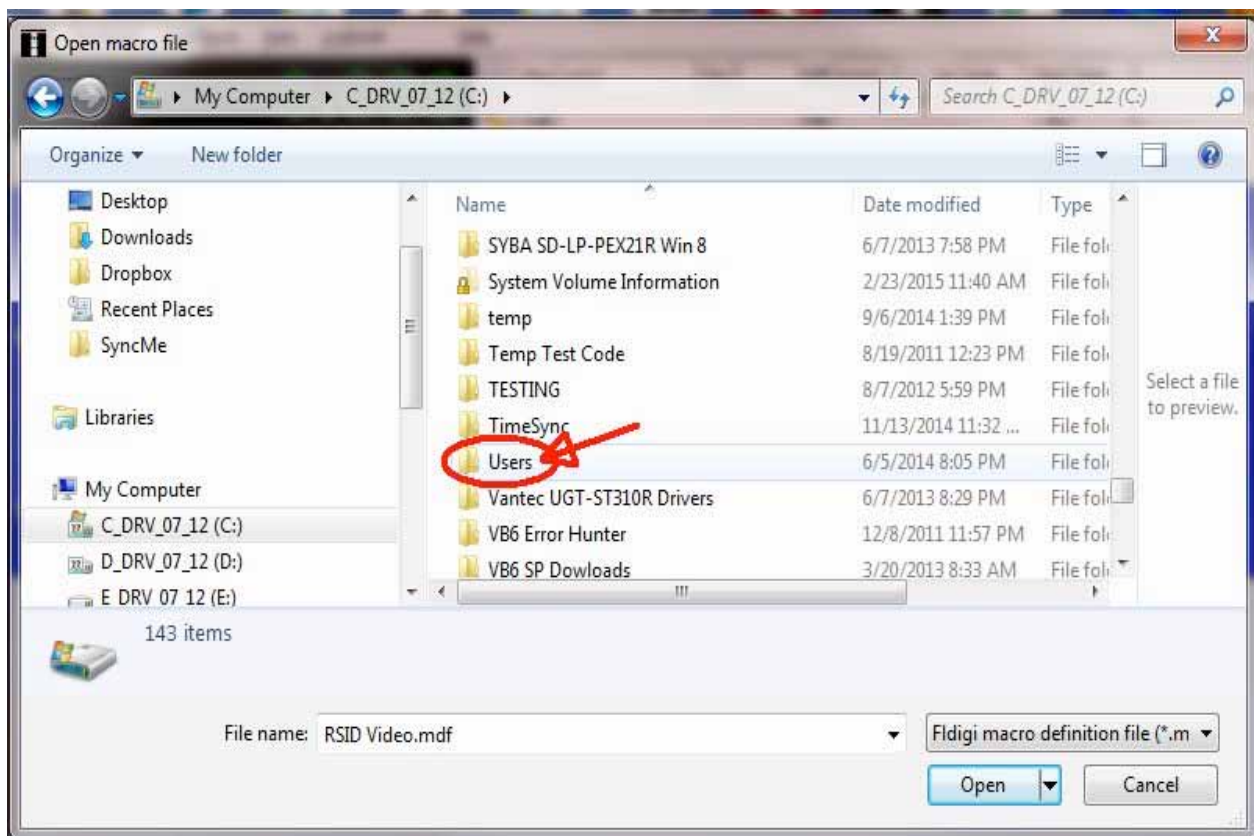


Check all 3 of the options listed in the bottom left, then click on Save, then Close.

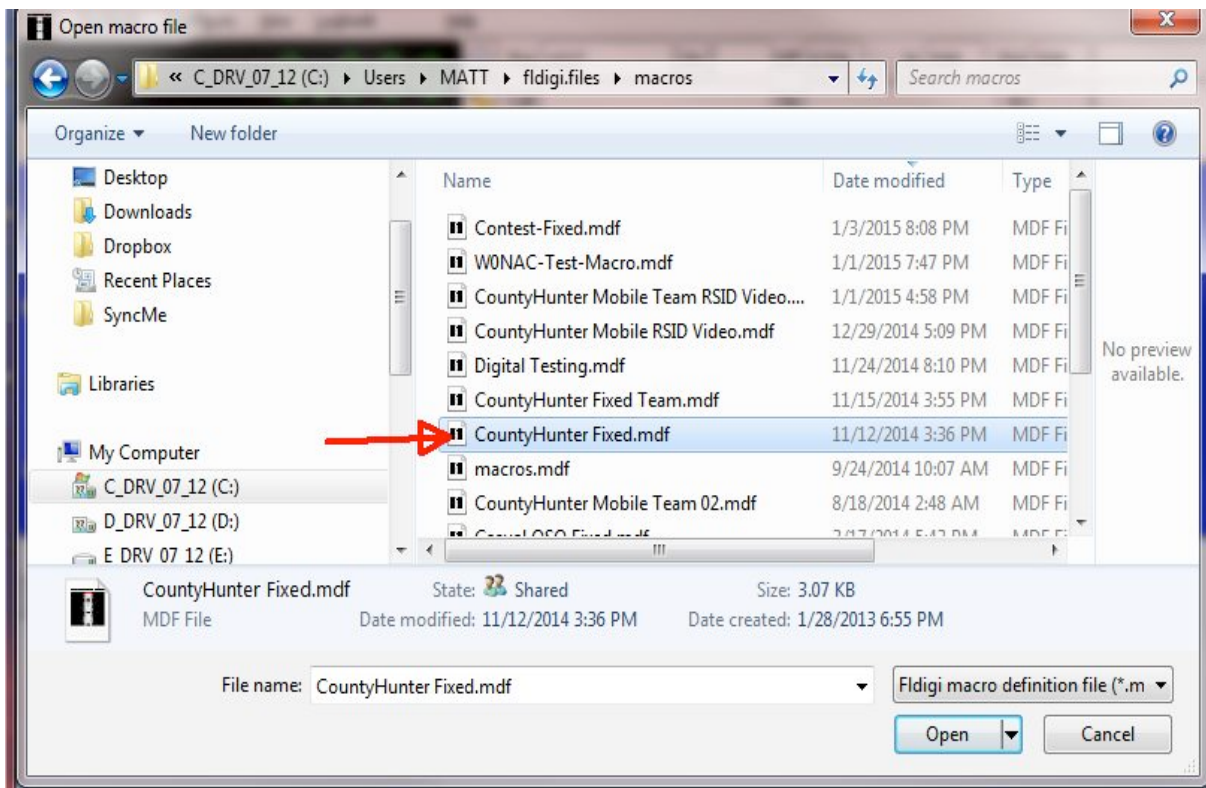
Now, again from the Main menu, click on File, Macros, Open button (as below:)



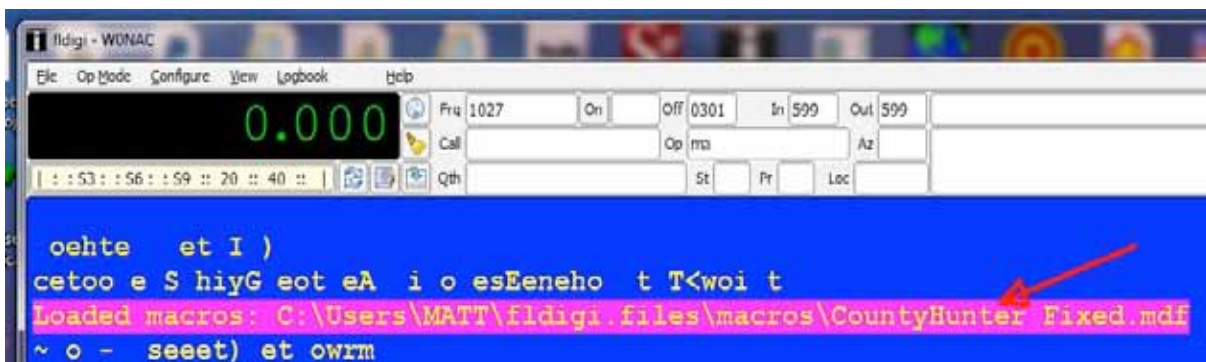
This action will open a browsing window similar to this:



The trick here is to browse to the default macro folder by first opening the “Users” folder (use a double click), then the “<User Name>” folder (For me it is “Matt”, but for your computer it will be your user name), then the “fldigi.files” folder and finally the “macros” folder. Once you have opened the “macros” folder, you will see a list of macro files similar to this:



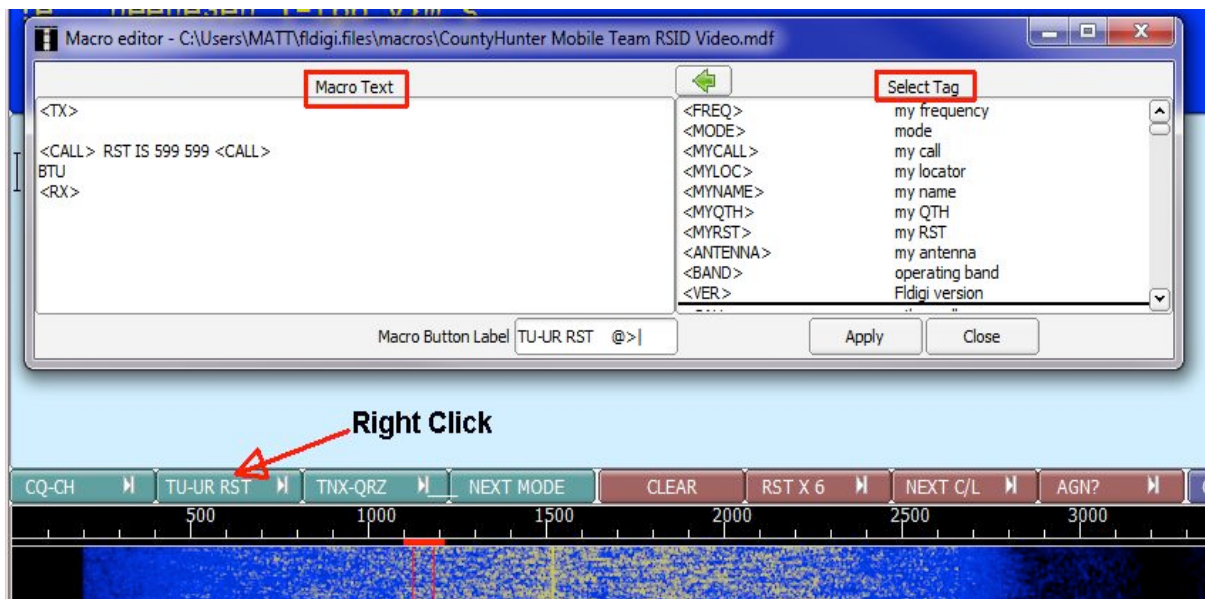
Simply double click on the macro file you wish to open (in this case I have selected “CountyHunter Fixed.mdf” and you will be returned to the main screen with a message in the receive window like this:



From this point on, Fldigi will remember the entire path to your macro files and a simple Files/Macro/Open selection from the Main menu will take you directly to your macro folder (browsing no longer needed!). However, be sure you save your configuration by clicking on “Configure” then “Save Config” on the main menu. Otherwise, Fldigi may “forget” any changed settings when you exit the program.

You will use the same procedures when saving modified macros (described next).

a) **Modifying Macros** – Assuming you have opened the macro file containing the individual macro button that you wish to modify (out of the 40 total the file contains), you will right click on the macro button you wish to modify. The Fldigi macro editor will then appear as follows:



The left window (titled Macro Text) is where you do your editing. The right window (titled Select Tag) contains a very long list of “Tags” which either substitute a memory value, or perform some action when executed within your macro. For example, the tag <TX> switches your rig into transmit. <RX> switches your rig back to receive. The macro <MYCALL> substitutes your call sign (previously stored in memory) into the text stream being sent by the macro. Please note that tags are always enclosed by < >’s and are always in UPPER CASE.

You modify a macro by using common text editing commands in the left window. You can also use the mouse to move the cursor to the place where you wish to edit. You can insert tags in the text by simply typing them in (Observing the rules for < >’s and UPPER CASE, or you can pull the desired tag into your text from the Select Tag window. Here is how:

- Use your mouse to place the cursor in the text (left) window where you wish to insert the tag.
- Scroll up or down in the Select Tag window until you locate the tag you wish to insert.
- Left click on the tag to highlight it.
- Click on the left pointing green arrow (near the top of both windows).
- The selected tag will now be inserted into your macro text where you had left the cursor earlier.

This has covered the basic mechanics of editing, but the real “trick” is to know what the various tags that are available do, and when to use them. This can only be learned by “diving in” and experimenting with various changes until the macro does exactly what you want it to do. I recommend that you start with a pre-existing macro file and modify its individual macros as needed to suit your own needs. This will be easier than starting from “scratch”. However, for simple macros you may wish to just manually type them into the Text window.

Before you are finished modifying or creating a macro, you need to check the Macro Button Label box and edit it if needed. Then click on the “Apply” and “Close” buttons.

After you have modified and saved all of the macros you wish to change, I recommend that you do a File/Macros/Save operation (from the Main menu) using a different file name. This will leave the original file unchanged in case you wish to use it as a template at a future date. Also, to use your newly modified (or created) macro file, you will need to do a

File/Macros/Open operation (from the Main menu).

To get you started here is a link to a zipped file containing 11 different macro files:
<https://dl.dropboxusercontent.com/u/26171574/Fldigi-Macros/Fldigi%20Macros%2002-23-2015.zip>

To use them just place the zipped file in your "C:\Users\\fldigi.files\macros" folder and unzip it.

Each of these macro files has a name that pretty well describes the situation when it should be used. I make no claims that they are perfect, but most of them work pretty well for me. I strongly encourage you to make changes in them to fit your own unique needs. If you believe that you have produced a "better mousetrap", I encourage you to zip up your changed macros and send them to me as an email attachment. I'd like to see them.

Digital Operations – The items below were discussed at length last month. Since there has been no new comments this past month, I will only list the titles in the hope that someone has some new ideas on these topics.

To Increase QSO rate/Efficiency

- a) Use shorter macros and CW abbreviations.
- b) Turn TxID OFF.
- c) Use higher power (CAUTION: avoid overloading final amplifiers and distorted signals).
- d) Construct macros with provision for mode start delays
- e) Use some of the faster new modes.

To Manage Multiple Mobiles

- a) Locate better frequencies (14.063?, 14.064?, 14.065?) that each mobile can use as a personal frequency (informally coordinated).
- b) Have a volunteer Net Control (fixed station) manage the order of mobile runs and "move" digital mobiles to an alternate frequency if someone is ahead of them on the list and they can't wait.

Methods for Handling "Pile-ups" and multiple "Me First" People.

- a) Stations who know their signal will be weak wait till the end of the run to call after the strong stations have "had their go".
- b) Take a list at the beginning of each run, and then reply to each on the list in turn. Repeat as needed.
- c) Take contacts by call district, i.e. 1's, 2's, etc.
- d) Use split operation (like rare DX stations use).
- e) Conserve the mobile's time by limiting calls to only modes that you really need.

February Digital County Hunter Activity:

February activity on the "digital highways" was very good. Counting just the spots posted on W6RK, more than 75 counties (not all unique) were ran on various digital modes including PSK-31, PSK-65, PSK-125, DOMINO-22, MFSK-32, and CONTESTIA 4/500. 14 stations (mobiles, mobile teams, and a few fixed stations) were spotted this month including (in no particular order) NA8W/KC8RP, NA8W, WA2VJL, W2HDI, N1GB, W0EAR, N4JT, NG0E, W5QP, WH6S, KH6/G4KHG, KM1C, KG5UZ/KJ5PQ/N4JT (in Hawaii), and KG5UZ/KG5PQ.

Active County Hunter Award Status:

As can be seen in Table 3 below, many digital county hunters continue to make great progress toward completing their “**USA – Digital Award**” and “**5 – Mode Award**”. 14 digital county hunters have logged at least 1000 counties toward completing the “**USA – Digital Award**”. Three more are “knocking on the door” with 900 or more digital counties.

15 digital county hunters have now logged over 50% of the 15,385 mode/counties needed to complete the “**5 – Mode Award**”. These are shown in **red** in Table 3. The leader for this award is still Dennis (N6PDB) who has worked 10,133 (**65.9%**) of the 15,385 Counties/Modes needed to complete this award.

I would like to mention again the little known award under the 5 – Mode award for working all counties in a state using 5 modes. As far as I know, I am the only one so far to receive one of these WAS awards (for CO). Check your records – you may be eligible for one or more of these 5 – Mode WAS awards. Please read the MARAC rules for the 5 – Mode award for more details.

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	1344	3077	3077	1461	576	203	8394	54.6%	5/24/2014
2	AB7NK	Marv	F/M	-	-	-	-	-	-	0	0.0%	
3	AC0B	Cliff	F	205	-	-	-	-	-	0	0.0%	12/10/2012
4	AD1C	Jim	F	-	-	-	-	-	-	0	0.0%	
5	K0DEQ	Bill	F	-	-	-	-	-	-	0	0.0%	
6	K0FG	Fred	F	333	3077	3041	336	60	19	6533	42.5%	1/1/2015
7	K0PVW	Rob	F	-	-	-	-	-	-	0	0.0%	
8	K0WJ	Lou	F	-	-	-	-	-	-	0	0.0%	
9	K4PBX	Jim	F	492	2967	476	130	81	38	3692	24.0%	1/23/2015
10	K5GE	Gene	F	26	1893	575	8	0	0	2476	16.1%	5/26/2013
11	K5SF	Dick	F	-	-	-	-	-	-	0	0.0%	
12	K5WAF	Bill	F	599	3044	?	?	?	?	3044	19.8%	5/2/2013
13	K7REL	Tom	F	735	3077	3077	749	59	13	6975	45.3%	2/20/2015
14	K7SEN	Neil	F/M	-	-	-	-	-	-	0	0.0%	2/20/2015
15	K8QWY	Ed	F	-	-	-	-	-	-	0	0.0%	
16	K8ZZ	Ed	F	-	-	-	-	-	-	0	0.0%	
17	KA4RRU	Mike	M/F	1139	3077	3022	1132	268	188	7687	50.0%	2/13/2015
18	KA8JOP	Pamela	M/F	22	202	64	53	28	4	351	2.3%	9/12/2013
19	KA9JAC	Bob	F	584	3077	3077	1784	345	101	8384	54.5%	1/22/2015
20	KC3X	Hollis	F	843	3077	3077	851	786	731	8522	55.4%	1/31/2015
21	KC6AWX	Bob	F	450	3077	1592	264	59	14	5006	32.5%	5/7/2013
22	KC7YE	Jack	F	-	-	-	-	-	-	0	0.0%	
23	KD5YUK	Billy	F	-	-	-	-	-	-	0	0.0%	
24	KD7KST	Bill	M/F	1792	-	-	-	-	-	0	0.0%	9/30/2012
25	KE7PKL	Davis	F	473	1022	268	67	19	4	1380	9.0%	1/12/2015
26	KG5RJ	Greg	F	828	3053	2196	756	347	165	6517	42.4%	2/23/2015
27	KM1C	Bill	F	-	-	-	-	-	-	0	0.0%	
28	KU4YM	Dave	F	133	2862	130	66	19	8	3085	20.1%	10/16/2014
29	KM6HB	Mark	F	714	3077	2936	694	87	1	6795	44.2%	2/3/2013
30	KW1DX	Dave	M/F	96	3077	1145	99	70	40	4431	28.8%	1/10/2015
31	N0KV	Barrv	M/F	621	3077	3054	2543	474	130	9278	60.3%	1/8/2015
32	N0LXJ	Sharon	M/F	1450	3077	2328	1320	623	354	7702	50.1%	2/24/2015
33	N1API	Al	F	1277	3077	2854	1259	973	861	9024	58.7%	2/24/2015
34	N4JT	Jim	M/F	1213	3077	3077	1295	851	730	9030	58.7%	1/18/2015
35	NSMLP	Ron	M/F	391	3077	409	54	37	9	3586	23.3%	5/19/2013
36	NP6DB	Dennis	M/F	1274	3077	3042	1573	1300	1141	10133	65.9%	1/26/2015
37	N7JPF	Paul	F	212	3077	1901	178	85	41	5282	34.3%	2/22/2015
38	N8CJ	Dick	F	1154	3077	3059	1152	757	604	8649	56.2%	2/23/2015
39	N8HAM	Jim	F	0	3077	0	0	0	0	3077	20.0%	4/2/2013
40	N9WNN	Steve	F	0	2180	0	0	0	0	2180	14.2%	2/24/2013
41	NA8W	Darl	F/M	885	3077	1282	704	414	215	5692	37.0%	1/25/2015
42	NF0N	Mike	F	1044	3077	3077	1230	434	238	8056	52.4%	12/27/2014
43	NN9K	Pete	F	816	3077	859	78	1	0	4015	26.1%	3/23/2012
44	NU4C	Paul	F	-	-	-	-	-	-	0	0.0%	
45	NW6S	Jim	F	927	3077	3077	948	271	200	7573	49.2%	12/16/2014
46	NX4W	Lloyd	M/F	1358	3077	1489	743	595	310	6214	40.4%	12/28/2014
47	W0EAR	Don	M/F	-	-	-	-	-	-	0	0.0%	
48	W0NAC	Matt	M/F	1933	3077	2886	2102	1280	656	10001	65.0%	2/24/2015
49	W3DLM	Don	F	759	3077	2811	731	346	241	7206	46.8%	2/23/2015
50	W3ZUH	Dick	F	5	3077	2048	11	2	0	5138	33.4%	12/4/2013
51	W4SIG	Kerrv	F	-	-	-	-	-	-	0	0.0%	
52	W4YDY	Dave	F	1298	3077	3077	1407	789	579	8929	58.0%	1/23/2015
53	W5QP	Rick	M/F	955	3077	2990	1192	829	738	8826	57.4%	2/22/2015
54	W7FEN	Larry	F	25	3077	2975	32	1	0	6085	39.6%	10/3/2013
55	W7IN	Larry	F	-	-	-	-	-	-	0	0.0%	
56	W7QQ	Bill	M/F	-	-	-	-	-	-	0	0.0%	
57	W8RCW	Rich	M/F	388	2422	565	131	55	34	3207	20.8%	8/14/2024
58	W9JR	Rich	F	90	3077	1674	44	0	0	4795	31.2%	10/31/2012
59	W9SUQ	Larry	F	-	-	-	-	-	-	0	0.0%	
60	WA4EEZ	Leslie	F	1277	3077	2431	1054	451	116	7129	46.3%	12/31/2014
61	WA4JNS	Doug	F	-	-	-	-	-	-	0	0.0%	
62	WA6OCV	Susan	M/F	328	3077	406	359	326	107	4275	27.8%	12/22/2014
63	WA7ETH	Ed	F	228	1932	428	39	3	0	2402	15.6%	10/26/2014
64	WA7JHQ	Sterling	F	-	-	-	-	-	-	0	0.0%	
65	WB0M	Jeff	F	-	-	-	-	-	-	0	0.0%	
66	WB2ABD	Paul	F	-	-	-	-	-	-	0	0.0%	
67	WD40IN	Jack	F	1364	3077	3074	1372	799	495	8817	57.3%	2/21/2015
68	WQ7A	Terry	F	983	3077	3075	987	861	768	8768	57.0%	1/30/2015
69	WY4D	Ben	F	326	3077	347	41	15	9	3489	22.7%	6/10/2014

How To Get Your 5 – Mode Statistics Updated:

Past Digital Happenings articles have given detailed instructions on a new and easy way to update your digital statistics for Table 3 by using a small program called “Digital Report Utility”. This program will create a report for you showing your progress for both the “**USA – Digital**” award and the “**5 – Mode**” award and email it to W0NAC. Instead of repeating these instructions every month I have included them in a Microsoft Word document that you can download by clicking on the following link: <https://dl.dropboxusercontent.com/u/26171574/Happenings/5%20Mode%20Update.doc>

Please email your comments/suggestions to w0nac@comcast.net and don't forget to send your updated digital status reports in by the 23rd of the month so that they will appear in the next month's edition of the “Roadrunner”.

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

Matt – W0NAC



MI Mini

The 2014 Michigan Mini was hosted by Ed, K8ZZ and Joe, W8TVT and was held at the **West Bay Beach - Holiday Inn Resort** 615 East Front Street • Traverse City, Michigan 49686 Phone: **(231) 947-3700** • Fax: (231) 947-0361 Toll Free: **(800) 888-8020** It will be held at the **Holiday Day Inn West Bay Beach Resort** again in **2015** with room rates of: **\$89.95** plus tax per night if reserved by March 27th, 2015.

Date for 2015 MICHIGAN MINI is April 23 - 24 & 25th..

On Saturday at 10:00 AM in Hospitality Room - Jerry, W0GXQ (MN) and Mike, NF0N (NE) will have a presentation on SSB and CW team operation.

National

MARAC

47th Annual National Convention 2015 Registration
July 13th - 16th The Villages, Florida
(Deadline for Early Registration Prize drawing is May 1, 2015)

NAME: (First/Last) _____

STREET ADDRESS _____

CITY _____ STATE _____ ZIP CODE _____

Email Address _____

Convention Registration Fee (Includes 1 badge and 1 prize ticket) \$ 45.00

Name on Badge _____ CALLSIGN _____ USACA# _____

Additional Name Badges (list below) = Total # _____ @\$5.00 each. = \$ _____

Name _____ CALLSIGN _____ USACA# _____ Additional Info. _____

Name _____ CALLSIGN _____ USACA# _____ Additional Info. _____

Name _____ CALLSIGN _____ USACA# _____ Additional Info. _____

ACTIVITIES

Monday July 13th - Check-in/Hospitality Room open

Tuesday July 14th - Dora Canal Tour - 9:00 AM

Wednesday July 15th - Photos - 2:00 PM

Thursday July 16th - Annual Meeting - 1300Z
Banquet - 5:00 PM

Banquet - The Royal Buffet

- Rolls and butter, coffee and iced tea
Classis Caesar Salad with croutons and shaved Parmesan cheese
Sautéed seasonal vegetables
Roasted new potatoes
Sautéed Salmon topped with a shrimp & citrus Dijon sauce
Sliced Tenderloin of beef with roasted shallots in a Merlot wine reduction
Chicken Piccata served in a lemon wine sauce
Vanilla ice cream

Number _____ @ \$45.00 = \$ _____

Additional Prize Tickets

Prize (singles) _____ X \$ 1.00 = \$ _____

Prize (book/12 tickets) _____ X \$10.00 = \$ _____

Cash (singles) _____ X \$ 1.00 = \$ _____

Cash (book/12 tickets) _____ X \$10.00 = \$ _____

Dora Canal Tour _____ X \$45.00 = \$ _____

Photographs - all photographs will be emailed to each attendee.

TOTAL AMOUNT ENCLOSED = \$ _____

History Happens

Gary, K4EXT

Recent submissions for the County Sign project came from Bob, N4CD who sent in pictures for the final two counties in Texas (Orange and Harris) ... and Bob, N4XML who sent in pictures for the final two counties in South Carolina (Marion and Clarendon).



Many thanks to both Bob's! Please feel free to check out the current collection of pictures and information by visiting the CH History/Archive website at the following Internet address:

<http://www.CHarchive.com>

John Robson, WB9STT became a silent key on February 15th at age 94. John was a decorated World War II veteran as well as an avid fisherman and hunter. John worked all counties 6 times, and completed Bingo, Bingo II, 5-Star, Ran-All-Illinois twice, and several other MARAC awards. John also served as South Central Director for MARAC.



Birthdays

Roadrunner - Birthdays	
Call	Birthday Date
N5PR	Mar - 01
K9MIX	Mar - 01
KA9JOL	Mar - 01
KA7JNU	Mar - 01
N5MIV	Mar - 01
N9JFW	Mar - 01
KC7FPB	Mar - 01
K9EZ	Mar - 01
KB3WN	Mar - 02
WN3W	Mar - 02
W3ZUH	Mar - 02
N0KM	Mar - 02
WA5YNE	Mar - 02
W6RLL	Mar - 02
N5NK	Mar - 03
KS7T	Mar - 03
N4RS	Mar - 03
KL7D	Mar - 03
W2WHC	Mar - 03
N5HDX	Mar - 03
K5TVC	Mar - 03
KE4GYX	Mar - 04
WB0O	Mar - 04
WN4AFP	Mar - 04
K1IK	Mar - 04
N7MZW	Mar - 05
K6JRY	Mar - 05
KR9Z	Mar - 05
WB9CAC	Mar - 05
N5KUC	Mar - 05
WO5W	Mar - 06
K9ZV	Mar - 06
N0FP	Mar - 06
W4DF	Mar - 06

Roadrunner - Birthdays	
Call	Birthday Date
KK5P	Mar - 06
KA0NCR	Mar - 07
W5VUB	Mar - 07
N0AKC	Mar - 07
N4HY	Mar - 07
WY0A	Mar - 07
K4DOM	Mar - 08
K9HID	Mar - 08
W9WX	Mar - 08
W6FJU	Mar - 08
K5LEO	Mar - 08
AC5AR	Mar - 08
NT4D	Mar - 08
W6LX	Mar - 09
W0RSR	Mar - 09
N0DXE	Mar - 09
KL7VB	Mar - 09
WB0OAO	Mar - 09
NY3B	Mar - 09
W4DEE	Mar - 09
K1GQ	Mar - 10
N8FEB	Mar - 10
K9FDL	Mar - 10
WB2WZE	Mar - 10
OK2PAY	Mar - 10
KS8W	Mar - 10
WA9NBU	Mar - 11
K1HV	Mar - 11
WD9ITF	Mar - 11
N5UR	Mar - 11
VE4AGT	Mar - 12
W4OV	Mar - 12
NN8L	Mar - 12
N1WR	Mar - 12

Roadrunner - Birthdays	
Call	Birthday Date
K5ZZR	Mar - 12
KC4YBO	Mar - 12
K5TIA	Mar - 12
KB6HW	Mar - 13
WK7E	Mar - 13
W5TM	Mar - 13
WG4P	Mar - 13
K3ZV	Mar - 13
NV3E	Mar - 13
AA4VN	Mar - 14
KB0AG	Mar - 15
W0EWH	Mar - 15
KU0A	Mar - 15
N3KN	Mar - 16
KG4VBK	Mar - 16
W7MEL	Mar - 16
KD1OG	Mar - 16
N7ID	Mar - 17
W1VJ	Mar - 17
WA8LKD	Mar - 17
K7VAY	Mar - 17
W0MTW	Mar - 17
KM6QF	Mar - 17
K5WAF	Mar - 17
KG7MU	Mar - 17
KB9SF	Mar - 18
K1NEF	Mar - 18
NE2C	Mar - 18
9A2WJ	Mar - 18
KL7H	Mar - 18
W4WBA	Mar - 18
KN4XP	Mar - 19
WA2TGN	Mar - 19
W5JAC	Mar - 19

Roadrunner - Birthdays

Call	Birthday Date
K8OOK	Mar - 19
K9TY	Mar - 19
NC4JL	Mar - 20
K6OO	Mar - 20
N0AX	Mar - 20
AA2BP	Mar - 20
K5RIC	Mar - 20
WA2GLU	Mar - 20
WA6IAF	Mar - 21
KW3F	Mar - 22
N3TA	Mar - 22
WA5VGI	Mar - 22
W0HII	Mar - 22
WA7NV	Mar - 22
AF4ZZ	Mar - 23
KA3T	Mar - 23
NK0N	Mar - 23
K0WTZ	Mar - 23
K1RV	Mar - 23
K1RO	Mar - 23
N9AUV	Mar - 23
KF9YR	Mar - 23
WA2DWP	Mar - 24
KZ5KG	Mar - 24
KC0M	Mar - 24
K0QD	Mar - 24
KC2MO	Mar - 24
W4KFA	Mar - 25
W3ZD	Mar - 25
KD5FZN	Mar - 25
AA9DV	Mar - 25
K6CA	Mar - 26
WA0QFY	Mar - 26
N4US	Mar - 26

Roadrunner - Birthdays

Call	Birthday Date
K5EBS	Mar - 26
K9EDE	Mar - 27
KY4T	Mar - 27
WA4RNN	Mar - 27
K8OI	Mar - 27
NU9C	Mar - 27
N2FPM	Mar - 27
K4BAI	Mar - 27
N8BNI	Mar - 27
AA8DM	Mar - 28
AA6MZ	Mar - 28
WA7TC	Mar - 28
N7JXS	Mar - 28
W9VB	Mar - 28
NH7Y	Mar - 28
KA9H	Mar - 28
K5EK	Mar - 28
NG3O	Mar - 29
WB4FEV	Mar - 29
W4RJK	Mar - 29
NR2H	Mar - 30
KD0HX	Mar - 31
WA3GLJ	Mar - 31
KD2N	Mar - 31
KS7S	Mar - 31



**Treasurer's Report (WONAC)
January 2015***

Beginning Account Balances January 10, 2015	\$41,019.87
January Income:	
Money Market Interest	\$3.26
Awards Manager Income	\$911.50
Membership Income	\$559.29
Logger distribution	\$45.00
Total Income:	<u>\$1,519.05</u>
January New Spotting Site/Logger II Expenses:	
Spotting Site Fixed Expenses	\$0.00
Spotting Site Recurring Expenses (New Web Site)	\$0.00
Logger II Fixed Expenses	\$0.00
Logger II Recurring Expenses	\$0.00
January Other Expenses:	
Awards Manager Expenses	\$491.59
2015 National Convention Expense	\$4,000.00
Historian Expenses	\$99.66
Sunshine Expenses	\$85.58
Office Expenses (Postage, Etc.)	\$32.51
Annual Liability Insurance Premium	\$396.00
MARAC Booth @ Dayton Hamvention	\$575.00
Total Expenses:	<u>\$5,680.34</u>
January Net Income Less Expenses	(\$4,161.29)
New Total Cash Balance ALL Accounts:	\$36,858.58 #
Checking Account Balance	<u>\$786.12</u>
Money Market Account Balance	<u>\$36,072.46</u>
Total Cash All Accounts:	\$ 36,858.58 #

Note:

The following monies are not included in the account balances above:

Awards Manager's Funds \$1,500.00

* Includes January Transactions through 2/6/2015

From a balance sheet perspective, MARAC Total Funds at the end of January should be discounted by \$7,783.50. This amount is a Deferred Liability of award fees pre-paid by members. After discounting,
our true (spendable) Cash Assets are **\$29,075.08**



Events

2/28/15 NA RTTY QP
3/1/15 NC QP
3/7/15 ARRL SSB INTL CONTEST
3/14/15 LA QP
3/15/15 NA RTTY SPRINT
3/15/15 WI QP
3/16/15 RUN 4 BACON
3/21/15 OK QP
3/21/15 VA QP
3/28/15 CQ WPX SSB

CLICK ON EVENT TO GO TO THAT WEB SITE



Awards Committee

These MARAC members are serving on the Awards Committee:

Awards Manager - Bob Devine (KC6AWX)

Phil Yasson (AB7RW)

Dave Splitt (KE3VV)

Kent Reinke (KV7N)

Ed Palagyi (KN4Y)

“Matt” Matthew (W0NAC)

Ron Clift (N5MLP)

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: Vacant

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

South Central Director: Dick Brokaw, K5VYT, 12883 W 75th Pl, Arvada CO 80005, 303-431-6354, rbrocaw@comcast.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

Awards Manager: Robert T. Devine, KC6AWX, 407 Alameda Del Prado, Novato, CA 94949-6302, 1-415-883-8980, kc6awx@marac.org

Appointees

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 29483, 843-442-8666, dhhyatt@ieee.org

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

Webmaster: Vacant

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

Election Coordinator: Kent Reinke, KV7N, 1826 East 4500 North, Buhl ID 83316, 208-543-6083, kr@gci.net

MARAC General Counsel: David Splitt, KE3VV, 6111 Utah Avenue NW Washington, D.C. 20015-2461, 1-202-362-3355, ke3vv@marac.org

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

Dues with an Electronic copy of the Newsletter copy are \$14.00 per year, check or money order; \$14.75 via PayPal.