

Volume L April 2021 Number 4

## Thoughts from the Board

**Ed-K8ZZ, MARAC President** 

### Prez report:

I want to thank the board for taking care of their duties in a stellar fashion. I also thank all the other volunteer positions that keep the wheels on the wagon. I have had the disappointment of putting the MI Mini together and due to Covid having to cancel it for this year. We have already signed a contract for next year. I have not been active in the weekly duties of Marac due to health issues and other personal family stuff. My current contributions to the Club are being mobile and running counties. I am writing this from North Carolina and will be on the road for about 8 more days on this trip. I have 5 more trips in the planning stage for this year. Everyone be safe and take health precautions as needed.

Please check out the big news on **Logger II**! Article later in this issue...

73,

Ed K8ZZ

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**Ed, K8ZZ MARAC President** 

### Welcome New MARAC Board Members

**Kerry-W4SIG** 

Well, as mentioned in last month's opening article, the MARAC Pacific Division has really come through for all of us. Last month we welcomed newly appointed Election Coordinator, Ron Wilcox **KF7ZN**. This month, we want to welcome our new MARAC Secretary, Randy Foltz **K7TQ**, and new Pacific Division Director, Paige Butler **W0FLZ**. More information on each of them to follow in this issue. These kind folks have volunteered to fill the remainder of the current terms of these positions. With your support, hopefully they will consider taking these roles on for a longer term! As you can see from reading the article below, Paige has quite a story to tell in her ham radio adventures. We are excited for what she will bring to the Board as we work to make your club run like a well-oiled engine. Randy was featured in the Ham Shacks article in the August 2020 issue. I am reprinting a copy of info on Randy so you can get to know him better. Please join me in welcoming these members onto the MARAC team that works hard for you!

## **New MARAC Secretary Randy K7TQ**

Randy, K7TQ, is a relatively new County Hunter having joined MARAC last summer. A longtime ham, Randy has been an active mobile in QSO parties and the Salmon Run. Here is his bio:

The mobile set up is a KX2 and KXPA100 to a Scorpion 680 antenna. Separate Optima battery with West Mountain ISOPwr+ Auxiliary Battery Isolator and MFJ Battery Booster. I finished it in mid-March.

Since March of last year I've activated all the ID counties north of Idaho county and seven of the southeastern Washington counties. I team up with Jay, WA0WWW, as a mobile in the Kansas QSO Party and with others in the Idaho QSO party.

I have been a MARAC member since June. Over the years and especially in 2020 I've got cards for just over 700 counties, but have not submitted them for checking. I've multi-operated IDQP solo and with Jay, N7ZUF, 7QP solo and with both Jay; WA0WWW, and Mike, N7WA, and the WAQP, Salmon Run, with both Jay, WA0WWW, and Mike N7WA. All of those times have been using their mobile rig. Stories and pictures from most all of those outings are at <a href="https://sites.google.com/site/randyk7tg/home">https://sites.google.com/site/randyk7tg/home</a>

I retired from US Forest Service Research six years ago after 25 years of forest road erosion research. Every summer was in some forest in the west plus Louisiana, Arkansas, Kentucky, Georgia, and Minnesota. Lots of driving, but no radioing. I'm what some folks would call an avid tourist bicycle rider with 12 years of self-contained bike tours of two weeks to a month duration. Self-contained means that you carry all your clothes, cooking, and camping gear on the bike without any vehicle support. Tours have been in groups of 10 to 16 riders. The wife and I have done Yorktown, VA on the Atlantic coast to the Mississippi River in Illinois twice; Route 66 from Chicago to Amarillo, TX; Eugene, OR to the Pacific coast then south to San Francisco; and a handful of other tours. My annual bike miles goal is 5,000 miles a year.

For radio I do CW and RTTY and have DXCC for both of them with 220 CW counters and 135 RTTY counters. Most of those QSLs were from contests. Well over half of the CW QSLs were QRP on my end and the rest of the CW and all of the RTTY ones were 100 W or less. A Force 12 C4SXL at 60 feet helps.



Ron-K7TQ MARAC Secretary

## **New Pacific Director Paige W0FLZ**

By Paige Butler- W0FLZ

I would first like to thank to board for allowing me the honor to serve our organization in this capacity as your Pacific Director. I had not expected to start out at this level, but I am eager to help and get back in to one of my favorite aspects of the hobby (Running and chasing counties.)

I was born in Houston, TX many years ago in 1962 and I have always had an interest in technology. As a pre-teen and teenager, I enjoyed things like the Radio Shack 100 in 1 electronic experiment kits and such. I built my first digital clock at age 13 and got into CB around that age and had a home base station that I used it to talk to my grandparents who lived across town. My grandmother would tell me stories about my Great grandfather (the original W0FLZ) and how he built his own radios and organized ham events around the area of Kansas that they lived in at the time, and that got my interest in ham radio going. Then one day in high school drafting class we had a substitute teacher named Deanna, who happened to be WA5KRI. I don't recall how it came up that she was a ham, but we immediately became good friends and she introduced me to other local hams, and I went to the local club's Novice class and got my license in 1977 as WD5CPK. I had some wonderful Elmers back then who are all SK now, but we had some great adventures together, but those are stories for another time.

When the Vanity Callsign program opened I applied for and got my Great Grandfather's callsign, W0FLZ. Ever since I got my license, I was active on HF/VHF/UHF until I joined the Navy after high school, at which time I was mainly only active on 2M/440 mobile and would get on HF when I could get to the base MARS Station. My HF gear (Kenwood TS520S at the time) was packed away in a box. Then in 1989 I bought myself a TS440S and some Hustler mobile antennas and I was finally back on HF when not at sea.

Although sometimes at sea, since I had access to the Radio room I would tune in to the ham bands and listen in on the nets I was active on. In the early 90's one morning, I was operating from the Groton, CT Submarine Base MARS station and I guess I was too close to 14.336 because I got a call from the NCS (AI K1QPV) telling me I was interfering with him running the net. (He lived only a few miles away from the base) So I decided to listen in on the net and I found the County Hunters and the first log entries I can find are from Jan 90 and that was the beginning of some great fun and meeting of some fantastic friends! I think I have put out at least one county in all the lower 48 states (I am still in the process of putting all those paper logs into the MARAC Logger) and I have transmitted from all counties in CT, RI, NH and VT. Living in New England I met up with and enjoyed the regular company of some great County Hunters like AL, K1QPV (SK) and Percy KA1JPR. I was able to attend the '92 MARAC national in Hampton, VA and got to meet so many of the people that I just knew the voices of. Graham, VK5AQZ was there and I was introduced to "Vegemite". It is definitely an acquired taste that I never acquired, Hi Hi. I recently found some pictures of that convention and they brought back a lot of fond memories of all the friends I made running counties.

I continued my mobile adventures, mainly in the eastern US until Dec of 97 when I retired from the Navy and moved back to WA state. At that time, I was in rental places and raising children and working a lot! So, the ham gear all stayed in boxes and I was left with great memories. Moving forward to 2005, I

bought a house out in the country of NW Washington and thought I would get back on the air, but unfortunately my 440 sat in the box so long that it no longer operated properly, and I was still raising a couple children and just couldn't commit the finances or the time to ham radio.

As time went on though, as I could afford a little here and a little there, I started collecting what I needed to get back on the air and it took some time... Always watching the classified ads for "radio

parts" and I made a few journeys to other parts of the state and came up with a tower and some antennas, driving all the way to Salem, OR to pick up the tower and then in Jan of 2019, I was able to go out and buy a new Yaesu FTDX-1200 and accessories which I didn't even take out of the box until almost a year later after getting the tower in the ground and a couple antennas on it.

I consider Jan 2020 as my "unofficial" return to ham radio since I always wanted to get back into the hobby, I never let my license lapse. And of course, we were at the bottom of solar cycle 24 and band conditions from the Pacific Northwest to just about anywhere were dismal. I couldn't hardly hear anyone, especially any mobiles out there and so I spent most of the last year doing FT8 and PSK. I do routinely check the county hunter spotting website and go looking for them when a spot pops up.

Usually, the only way I could listen in to East coast mobiles was to log on to one of the WebSDR's out there... Here we are now with Solar Cycle 25 on the rise and today as I write this and the solar flux index is at 80 and climbing I heard a mobile in TX on another 20M net that I listen in on occasionally, so I am getting excited to start working mobiles again! Last year I picked up a Yaesu FT-857D to put in my F150 and I am waiting for the weather to warm up so I can get power routed in for it and do the necessary body bonding so I can get out and start running counties again. With the advent of the Covid-19 pandemic my employer kicked everyone on my team out of our offices and said go work from home. Since I work in the IT field that was an easy transition to make and, also an enjoyable one. My home office is also my ham shack, so I spend my days working and listening to the to the radio. I found it quite disappointing though that it caused the cancellation of so many in person events. I was looking forward to seeing many of you at the Portland national last year. But as we get the vaccine rolled out, I hope that things start returning to normal soon and that we can again schedule our conventions and get out there and see one another.

Everyone stay safe out there and hope to see you on the air soon.

73, Paige Butler W0FLZ



Paige-W0FLZ MARAC Pacific Division Director

## **MARAC National Convention Update**

By Donna, AG6V

# MARAC National Convention Spring 2021 Update



The 2020 National Convention did not happen due to virus-related concerns. Since I will not subject myself or others to the unrest in Portland, OR where I had already found a convention hotel, I need to travel to find a site. But travel is not in the books for me this Spring. So.... The 2020 National Convention is now targeted for the late summer of 2022!

I hope to travel a bit during late Fall this year (2021) in the Colorado to Montana corridor, researching convention sites.

This event is being organized by Donna Hinshaw, AG6V. Please direct all questions and comments to <u>ag6v at arr1 dot net</u>



Donna- AG6V

### **K8zz News Article**

A reporter saw Ed parked and running a county and was fascinated.. here is an article he wrote...

What do buttons, stamps, teacups and thimbles have in common? They are items sought after by collectors who enjoy finding the rare ones and adding them to their collections. Add to that list United States counties.

Yes, many ham radio operators enjoy collecting contacts in all 3,077 U.S. counties. The collection process involves not only making contact with another ham in each county but also getting a written confirmation proving that they have made contact.

Ed Eklin, a ham operator in Topeka, is an avid county hunter. He has worked and confirmed all 3,077 counties not once but seven times, utilizing different modes of communications and also different frequency bands.

"I finished working and confirming all 3,077 U.S. counties in 2006, then again using Morse code only in 2009 and 2019 (only the 40<sup>th</sup> ham worldwide to accomplish that task). In 2010 I finished working all 3,077 counties again for the 4<sup>th</sup> time, and then again in 2018 (the 254<sup>th</sup> person to do that)," he explained. "In 2020 I did it again solely on the 30 meter band. Most recently I worked all 3,077 counties on the 40m meter band. That makes me only the third ham in the world to accomplish that feat," he added with a broad grin.

Operating from all counties in the U.S. means, of course, that Ed has been to all 105 counties in Kansas. He chose to use the Morse code mode of operation for his trek through Kansas counties, and that mode is his favorite. Ed can transmit and receive Morse at the rate of 30 words per minute.

Three primary modes of communication are used for these contacts – voice, Morse code, and digital communication using computers connected to the radio equipment.

Part of the Worked All Counties award involves extensive record keeping. Eklin must keep a written log of the call letters, date, time, frequency and mode of operation. That information is required when he requests confirmation from his contacts. The record keeping involves using software from the Mobile Amateur Radio Awards Club (MARAC) which assists him in organizing his contacts and requesting confirmations from hams he contacts.

Eklin retired from General Motors and also from the State of Michigan before moving to Kansas. His call letters are K8ZZ, issued to him by the Federal Communications Commission after he passed the government issued tests covering electronics, proficiency in Morse code, electrical safety, and legal aspects of the hobby. He holds an amateur extra class license, the highest issued by the FCC.

Eklin does not let the grass grow under his feet. In addition to collecting and confirming his own contacts he also operates mobile from all over the United States, traveling to remote counties that do not have any hams and setting up a portable station in order to put that county 'on the air'

for a brief time. This allows other hams all over the world to work a new county. His travels involve operating from the counties in Hawaii that are required for the MARAC Worked All Counties award, taking his portable radio and antenna equipment with him and installing it in a rental car. "I had a nice three week vacation playing radio," Ed admits.

"I use custom made software written solely for the county hunters. It overlays county boundaries on a GPS map that tracks my current location, easily letting me to know when I enter one county and leave another,".

Ed's car looks like a regular SUV with a big whip antenna on the rear bumper; however he extensively modified the electrical grounding throughout the car to eliminate electrical noise from the notoriously noisy vehicle electrical system. This involved adding grounding straps from all of the door and hatch frames and securing them to the vehicle frame. Many of the cables that connect his radio equipment are additionally shielded with ferrite coils to further eliminate noise.

Ed's mobile station includes an Elecraft KX3 radio, a Scorpion 680 motorized antenna, and a Begali Traveler code key. A standard code key produces dots and dashes by up-down movement but the Begali key is activated by side-to-side movement.

"So far I have transmitted from 2,887 unique counties and hope to visit all 3,077," he said. "Over the last 20 years I have driven close to 200,000 miles to accomplish this, but who is counting,"?

Ed-K8ZZ

MARAC President



## **Baraga County Michigan**

By Ed, K8ZZ

The following is a copy of an email from KD9CJX to Ed, K8ZZ regarding Brent K9MIX (SK):

Ed.

Hope this email finds you well. In 2019, I had talked to Brent about county hunting and particularly ones he was never able to get. He mentioned that Baraga County in the UP of Michigan was one he never was able to log a QSO with. Another club member and myself had planned on going up there in 2020 and setting up a portable station in hopes he could get it. Unfortunately, COVID struck and eventually claimed Brent's life.

A few club members have been talking about the planned trip since his death and are planning on going through with it. Myself, along with Michael Martens KB9VBR and Amber Kraft KD9KKY will be operating portable from Baraga County, MI April 30-May 2nd, 2021 under the club call W9NA (this will also be a POTA activation as well and we'll video the operation for the KB9VBR Youtube channel). Those who are hunting for counties can send a QSO card to the club and we will reciprocate. We're planning on making a special card in honor of Brent's seven decades with the club. If MARAC members want to set up a sked, we can do that, too, if allowed by your award rules. They can email me directly at KD9CJX@gmail.com.

We hope the bands are favorable and as many county hunters get us in the log that weekend. I think it will be a pretty good time. I'm talking with someone from Amateur Radio Newsline as well about doing a feature leading up to the event.

73 and stay safe!

Joe Schoebel KD9CJX

President - Wisconsin Valley Radio Association Marathon County ARES/RACES

## IT Team Seeking Assistance!

### By Don, K3IMC MARAC - IT Team Leader

### 1, Logger 2 Software Support

Logger 2 is almost complete and is about to be distributed. It has been developed by K3IMC, and he would like someone to assist in handling software problems that develop as people begin to use it. The volunteer should have extensive experience in identifying and fixing the underlying errors, often requiring interactive debugging of the source code. Logger 2 is written in VB.Net within the Microsoft Visual Studio development environment. While knowledge of the VB language is desired, the ability to work in Visual Studio is critical. The volunteer should have a good fast computer with plenty of RAM. The basic Visual Studio tool is free and can be installed in a few minutes. If you feel you can help, contact K3IMC at 706-302-0725 or k3imc.dlf@gmail.com

### 2, Graphical Software Design

MARAC manages over 70 different awards recognizing achievement in county hunting. The software for submitting and granting these achievement awards have been improved recently. Unfortunately, the software associated with the creation of Award Certificates is very old, uses a language difficult to maintain, and the image formats are no longer supported. The Awards Secretary, **AB7RW**, is looking for someone to improve the creating of these certificates. Specifically, he is looking for someone who has the computer graphics experience to convert the existing templates to a modern format (say PDF), and then to automate the superposition of text on the template. The test would include data such as type of award, call and date information. If you feel you can help, contact K3IMC at 706-302-0725 or k3imc.dlf@gmail.com

### **Final Countdown**

### Kerry-W4SIG

The following MARAC Members need less than 10 counties for the "Whole Ball of Wax", also known as WBOW. Let's give them a hand! If you have less that 10 to go in the entire country for any MARAC Award please send those needs to Kerry, W4SIG, for inclusion in this new monthly article. Please keep me updated as these lists dwindle so we have accurate info for mobiles that want to help you out. Go get 'em!

IN: Fulton

### **K2MF/WBOW ALL CW 20METERS**

GA: Jenkins, Montgomery, Pickens, Screven, Toombs, Upson

W4SIG/WBOW N PREFIX ID: Teton MA: Nantucket

**W4SIG/WBOW W PREFIX** 

AK: 1st, 2nd, HI: Kauai, IN: Spencer, NH: Coos, Sullivan, NJ: Hudson

**W4SIG/WBOW 1X3 CALLSIGNS** 

 $AK:2^{ND}, 3^{RD}, 4^{TH}$ 

**W4SIG/WBOW 1X2 CALLSIGNS** 

AL: Lamar, ME: Aroostook, Piscataquis, Somerset, Waldo, MA: Dukes

W4SIG/WBOW ALL CW 3RD TIME

HI: Kalawao, NY: Chenango

W4SIG/WBOW 40METERS

CA: Mariposa

W4SIG/WBOW BINGO III

CA: Contra Costa, San Francisco, Ventura, HI: Kalawao, PA: Montour

N4RS - WBOW 40m Using CW Only

**AK:** 2<sup>nd</sup> District

KC3X - WBOW 40 Meters

ID: Camas, MT: Daniels, Pondera, Prairie, OR: Benton, Sherman, WA: Jefferson

NN9K – WBOW Masters Gold CW Only

GA: Muscogee, WV: Upshur

N1API - WBOW BINGO III

MA: Suffolk

**N5MLP** – WBOW A Prefix

AR: Arkansas, LA: Grant, Vermillion, Vernon, MS: Issaquena, TN: Hardeman, Houston, Marshall,

VA: Mathews, WA: Garfield

**N5MLP—WBOW Bingo IV** 

AK: First, Second, Third, Fourth, CA: Lake, HI: Kalawao, WA: Columbia, Garfield

N5MLP - WBOW 5<sup>th</sup> Time

**AK**: First J.D., Second J.D., Third J.D.

**NOKV - WBOW CW** 

NC: Graham SD: Buffalo, Jackson, WI: Rusk

**NOKV**—WBOW K Prefix

CO: Summit, IA: Hardin, ID: Teton, NE: Nance, SD: Haakon, WV: McDowell, WY: Goshen

**K4YT** -WBOW 4<sup>th</sup> Time

HI: Kalawao

**K4YT –** WBOW All SSB

AK: First JD, CA: Humboldt, NH: Belknap

**K4YT - WBOW 1x2 Calls** 

LA: Assumption, MS: Jefferson

**K4YT** – WBOW Mobile to Mobile

CA: Marin, Nevada, San Joaquin, Yolo, MD: Calvert, OR: Benton, Coos

**K4YT** – WBOW A Prefix

MS-Holmes, Issaguena, Lafayette, Sharkey, Winston. TN-Perry. VA-Craig

**K4YT** – WBOW N Prefix

MA: Nantucket

**KODEQ-** WBOW Bingo

AL: Bibb, Tallapoosa; AR: Cleburne, Independence, Stone; GA: Evans; MO: Cedar

**KOMAF-** WBOW USACA 1<sup>st</sup> Time (can only do CW)

IA: Cherokee, Emmet KY: Monroe, McLean, Owsley MN: Pennington

NF0N - WBOW ALL CW 2<sup>nd</sup> Time

IN: Delaware, MI: Muskegon, Baraga

**NF0N**—WBOW N Prefix

IA: Palo Alto, Winnebago, ME: Franklin, MN: Benton, ND: Griggs

W4YDY/ WBOW CW 2ND TIME

OR: Crook, Wheeler

**W4YDY**/WBOW A PREFIX

MS: Oktibbeha OH: Putnam PA: Philadelphia VA: Amelia, King William

#### W4YDY/WBOW W PREFIX

AK: First J. D. S E NY: Essex, Montgomery OR: Sherman PA: Tioga SC: Union TX: Dickens,

Runnels, Somervell VA: Floyd

**WA3QNT**—WBOW MASTERS GOLD

AK: 2nd Dist GA: Lee IN: Morgan PA: Bucks TX: Galveston MT: Lake, Sanders NY: New York,

Yates

NU0Q - WBOW MASTER GOLD

**AK:** 4<sup>TH</sup> District

## **Election Information**

## Randy-KF7ZN Election Coordinator

A warm and wonderful welcome to everyone, particularly if you are reading this month's *Roadrunner* in order to learn more about MARAC. Check us out, try running some counites, or check out the mobiles who are running counties. Feel free to reach out and ask questions. I guarantee you will find it hard to resist the fun and pleasure of county hunting. As always in ham radio there will be the lifelong pleasure in friendships and camaraderie.

As we talk about elections, I would like to draw your attention to Ron **N5MLP** and the detailed information he gave last month about the awards we vote on. If you have any questions about the awards, I recommend your reviewing that article.

The results for the third quarter voting for December, January, and February awards for SSB and CW Mobile of the Year, Mobile Team of the year, CW and SSB Assist of the year are in, and have been sent to the board. Thanks to all of those who voted and participated. We will be conducting the fourth quarter, March, April and May, voting in June.

Being in the health care profession I would like to take a moment to encourage everyone to continue to be as safe as possible. I receive clinical updates each morning from our health care company and industry, from infection and epidemiology experts. Based on their information and guidance I would encourage everyone to be careful and cautious about information that is available "out there", making sure that you have access to accurate and reliable medical information. For all of those who have been affected by COVID19 I express my heartfelt sympathy and thoughts for each of you. Here is to a better year in which we can get out, renew associations, and continue with many more counites being run.

### **MARAC Service Awards**

By Phil AB7RW

Congratulations to Donna-AG6V and Mary-AB7NK for receiving their MARAC Service Awards!





## **Awards Committee**

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### Ron-N5MLP

### Changes to Award Rules Approved on March 8, 2021

The MARAC Board of Directors approved some rules maintenance changes at a regular board meeting on March 8<sup>th</sup>. The changes consisted of the following:

1. Change to the defined term "Award Date"

The date of a MARAC award was changed from "the UTC date that the application is processed by the Awards Manager" to "the UTC date of the last contact completed to qualify for the award".

2. All references to "seal(s)" or "sticker(s)" were removed from the award rules

Seals and stickers were deleted prior to October, 2016 and should not have appeared in the award rules since they were eliminated. The term and awards modified included:

Term: "Award Levels"	Gemini Award	USA - Call Sign Combo Award
Big Rig Award	USA - Digital Award	USA - Single Band Award
DX Mobile Award	USA - QRP Award	

A revised set of rules dated 3/8/21 has been posted to the "Award Rules" tab of the "Awards" section of the website.

### Awards Issued February 25 through March 24, 2021

Awards Issued:			Roadrunner Awards I			rds Issi	ued:		
Call	Date of Last Contact	Award	Level	Cert. No.		Call	Date of Last Contact	L C Count:	Cert. No.
AG6V	3/8/2021	Service (as Pacific Director)				NF0N	6/15/2013	350	61
AB7NK	3/8/2021	Service (as Election Coord'r)				W4SIG	3/8/2021	700	26
K0DEQ	3/11/2021	RAS* - IA		35		K0DEQ	3/10/2021	150	176
W8OP	3/16/2021	RAS* - MD		34		W8OP	3/16/2021	150	177
W8OP	3/16/2021	RAS* - DE		76					
						Legend of Abbreviations:			
						RAS* = Ran All State			
						WAC* = Worked All USA Counties			

**MARAC Awards Committee** 



## **MARAC** Treasurer's Report

### Bill-K0DEQ Treasurer

Mobile Amateur Radio Awards Club

Treasurer's Report (K0DEQ)

Feb 20, 2021 Through Mar 19, 2021

	\$20,078.20
\$	
87.36	
\$87.36	
	87.36

Expenses:

Awards Expenses \$ 81.11

Misc. Expenses NOTE 1 125.00

Office Expenses (Postage, etc.)

\_\_\_\_\_

Total expenses \$206.11

Net Income Less Expenses (\$118.75)

Cash Balance \$19,959.45

Checking Account Balance \$ 2950.39

Savings Account Balance \_\_17009.06

Total all accounts \$19,959.45

Note 1 \$100 contributed to Never Forgotten Honor Flight in memory of K9MIX; \$25 refunded to Estate of Charles Ralph (W3CR)

From a balance sheet perspective, MARAC cash balance shown above should be discounted by \$6062.00, which is the amount of award fees pre-paid by members. After subtracting this amount, the true (spendable) Cash Balance is \$13,897.48



Bill KODEQ, MARAC Treasurer

## **2020 State QSO Parties**

### **Courtesy of WA7BNM**

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Λ	n	rıl
м	w	

Louisiana <u>+</u> Louisiana QSO Party
Mississippi <u>+</u> Mississippi QSO Party
Nebraska <u>+</u> Nebraska QSO Party

New Mexico <u>+</u> New Mexico QSO Party Georgia <u>+</u> Georgia QSO Party

North Dakota <u>+</u> North Dakota QSO Party
Michigan <u>+</u> Michigan QSO Party
Florida + Florida QSO Party

1400Z, Apr 3 to 0200Z, Apr 4, 2021 1400Z, Apr 3 to 0200Z, Apr 4, 2021 1300Z, Apr 10 to 0100Z, Apr 11, 2021 and 1300Z-2200Z, Apr 11, 2021 1400Z, Apr 10 to 0200Z, Apr 11, 2021 1800Z, Apr 10 to 0359Z, Apr 11, 2021 and 1400Z-2359Z, Apr 11, 2021 1800Z, Apr 10 to 1800Z, Apr 11, 2021 1600Z, Apr 17 to 0400Z, Apr 18, 2021

1600Z, Apr 24 to 0159Z, Apr 25, 2021 and

1200Z-2159Z, Apr 25, 2021

### May

Arizona + 7th Call Area QSO Party Idaho + 7th Call Area QSO Party + 7th Call Area QSO Party Montana Nevada + 7th Call Area QSO Party + 7th Call Area QSO Party Oregon + 7th Call Area QSO Party Utah + 7th Call Area QSO Party Washington Wyoming + 7th Call Area QSO Party Indiana + Indiana QSO Party Delaware + Delaware QSO Party + New England QSO Party Connecticut

Maine <u>+</u> New England QSO Party

Massachusetts <u>+</u> New England QSO Party

New Hampshire <u>+</u> New England QSO Party

Rhode Island <u>+</u> New England QSO Party

Vermont <u>+</u> New England QSO Party

### 1300Z, May 1 to 0700Z, May 2, 2021

1300Z, May 1 to 0700Z, May 2, 2021

1300Z, May 1 to 0700Z, May 2, 2021 1300Z, May 1 to 0700Z, May 2, 2021

1300Z, May 1 to 0700Z, May 2, 2021

1300Z, May 1 to 0700Z, May 2, 2021

1300Z, May 1 to 0700Z, May 2, 2021

1300Z, May 1 to 0700Z, May 2, 2021

1500Z, May 1 to 0300Z, May 2, 2021

1700Z, May 1 to 2359Z, May 2, 2021

2000Z, May 1 to 0500Z, May 2, 2021 and 1300Z-2400Z, May 2, 2021

2000Z, May 1 to 0500Z, May 2, 2021 and 1300Z-2400Z, May 2, 2021

2000Z, May 1 to 0500Z, May 2, 2021 and

1300Z-2400Z, May 2, 2021

2000Z, May 1 to 0500Z, May 2, 2021 and 1300Z-2400Z, May 2, 2021

2000Z, May 1 to 0500Z, May 2, 2021 and

1300Z-2400Z, May 2, 2021

2000Z, May 1 to 0500Z, May 2, 2021 and

1300Z-2400Z, May 2, 2021 1400Z, May 8 to 0200Z, May 9, 2021

#### June

Kentucky<u>+</u> Kentucky QSO PartyWest Virginia QSO Party

1400Z, June 5 to 0200Z, Jun 6, 2021 1600Z, Jun 19 to 0400Z, Jun 20, 2021

<b>July</b> Missouri	<u>+</u> Missouri QSO Party	1400Z, Jul 31 to 0400Z, Aug 1, 2021 and 1400Z-2000Z, Aug 1, 2021
August Maryland Hawaii Ohio Kansas	<ul> <li><u>+</u> Maryland-DC QSO Party</li> <li><u>+</u> Hawaii QSO Party</li> <li><u>+</u> Ohio QSO Party</li> <li><u>+</u> Kansas QSO Party</li> </ul>	*1400Z, Aug 8 to 0400Z, Aug 9, 2020 *0400Z, Aug 22 to 0400Z, Aug 24, 2020 *1600Z, Aug 22 to 0400Z, Aug 23, 2020 *1400Z, Aug 29 to 0200Z, Aug 30, 2020 and *1400Z-2000Z, Aug 30, 2020
September		
Colorado	+ Colorado QSO Party	*1300Z, Sep 5 to 0400Z, Sep 6, 2020
Tennessee	<u>+</u> Tennessee QSO Party	*1800Z, Sep 6 to 0300Z, Sep 7, 2020
Texas	+ Texas QSO Party	*1400Z, Sep 12 to 0200Z, Sep 13, 2020 and *1400Z-2000Z, Sep 13, 2020
Alabama	+ Alabama QSO Party	*1500Z, Sep 12 to 0300Z, Sep 13, 2020
lowa	+ Iowa QSO Party	*1400Z, Sep 19 to 0200Z, Sep 20, 2020
New Hampshire	New Hampshire QSO Party	*1600Z, Sep 19 to 0400Z, Sep 20, 2020 and *1600Z-2200Z, Sep 20, 2020
New Jersey	+ New Jersey QSO Party	*1600Z, Sep 19 to 0359Z, Sep 20, 2020
Washington	<u>+</u> Washington State Salmon Run	*1600Z, Sep 19 to 0700Z, Sep 20, 2020 and *1600Z-2400Z, Sep 20, 2020
Maine	± Maine QSO Party	*1200Z, Sep 26 to 1200Z, Sep 27, 2020
October		
California	+ California QSO Party	*1600Z, Oct 3 to 2200Z, Oct 4, 2020
Arizona	+ Arizona QSO Party	1500Z, Oct 9 to 0500Z, Oct 10, 2021
Nevada	+ Nevada QSO Party	*0300Z, Oct 10 to 2100Z, Oct 11, 2020
Pennsylvania	+ Pennsylvania QSO Party	*1600Z, Oct 10 to 0500Z, Oct 11, 2020 and *1300Z-2200Z, Oct 11, 2020
South Dakota	+ South Dakota QSO Party	*1800Z, Oct 10 to 1800Z, Oct 11, 2020
New York	New York QSO Party	*1400Z, Oct 17 to 0200Z, Oct 18, 2020
Illinois	± Illinois QSO Party	*1700Z, Oct 18 to 0100Z, Oct 19, 2020

### The County Line ROADRUNNER



### "A Roadrunner Is A Very Fast Bird"

Monthly Deadline for Articles is the 25th!

### Mobile Amateur Radio Awards Club Leadership Team

#### **Board of Directors**

President: Ed Eklin, K8ZZ

1426 SW Summit Woods Dr Apt 3, Topeka, KS 66615

231-649-4747, ed.eklin@gmail.com

Vice-President: Vacant

**Secretary**: Randy Foltz, K7TQ 809 Leith St, Moscow, ID 83843

208-874-3333, rbfoltz@gmail.com

Treasurer: Bill Morgan, K0DEQ

12012 County Road 3000, Rolla, MO 65401 573-465-5405, billmorgan1@centurylink.net

Dues with an Electronic copy of the Newsletter copy are

\$10.00 per year, check or money order.

Dues may also be paid via Pay-Pal and directed to

treasurer@marac.org

**Great Lakes Director**: Darl Deeds, NA8W 8753 Township Rd 48, Findlay, OH 45840

419-421-1533, <u>na8w@arrl.net</u>

North Central Director: Mike Nickolaus, NF0N 316 East 32nd St, South Sioux City, NE 68776

402-494-6070, nf0n@arrl.net

Northeast Director: Al Kaiser, N1API 194 Glen Hills Rd, Meriden CT 06451

nlapi@cox.net

South Central Director: Janet Camron, KC5QCB

7641 Gladiola, San Angelo, TX 76901, 325-812-3234, jcamron279@gmail.com

Pacific Director: Paige Butler, W0FLZ

21922 36th Ave NW, Stanwood, WA 98292

360-652-4680, W0FLZ62@gmail.com

**Southeast Director**: Kerry Long, W4SIG 1854 Newton Nook, Collierville, TN 38017 901-331-1881, <a href="mailto:kerrylong@comcast.net">kerrylong@comcast.net</a>

Immediate Past President: Vacant

### **Appointed Positions**

Awards Manager: Ron Clift, N5MLP

10719 Lake Windcrest, Dr, Magnolia, TX 77354

713-542-8999, N5MLP@comcast.net

**Awards Secretary**: Phil Yasson, AB7RW 13208 NE 5<sup>th</sup> Ave, Vancouver, WA 98685 360-213-8297, pyasson@pacifier.com

**Historian**: Bill Moore, K7IOO

405 Roosevelt Dr.

Grand Coulee, WA 99133 509-633-1738, wcm@donobi.net

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

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

Webmaster: Donald Flynn, K3IMC 241 Baywood Cir, LaGrange, GA 30240 706-302-0725, k3imc@bellsouth.net

**Custodian, Club Call:** Mike Nickolaus, NF0N 316 East 32nd St, South Sioux City, NE 68776

712-223-3164, nf0n@arrl.net

**Election Coordinator**: Ron Wilcox, KF7ZN

2359 N 1220 W, Clinton, UT 84015

208-369-0566, rglogan73@gmail.com

MARAC General Counsel: Bill Morgan, KODEQ

12012 County Rd 3000, Rolla, MO 65401

573-465-5405, k0deq@arrl.net

Computer Data Manager: Gene A Olig Sr, KD9ZP

517 Luco Rd, Fond du Lac, WI 54935

920-539-0994, kd9zp@att.net