



THE COUNTY LINE

# ROADRUNNER



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

Volume XXXIII

October 2002

Number 10

## FROM THE DESK OF THE PRESIDENT

Bill K2NJ



### Volunteers and Hero's

After 9-11 came and went – The TV out of NYC ( I am not sure about the rest of the country) was going overtime about the “lost hero’s” every channel had something on about them. It did get me thinking a little about the local Firemen – First Aiders – and other volunteers, how they give up their time to do good for others.

These men and women give up family time to (in many cases) risk their lives to help out others without compensation. No, this isn't right. It cost them money out of their pocket in many cases to aid others. I know that the First-Aid volunteers in NJ have to pay for and supply their own kits. Not the stuff from the Ambulance, but they all carry personal kits in their cars – so when and if they come across something they can react. They also burn their own gasoline going to these calls (they have to get to the Firehouse etc.) not to mention the clothing ruined etc...

I have a great friend – W2EN – who is Fire Chief in his home-town (same place Gail teaches). Doug can hardly go out for a meal without having his HT or beeper going off for something or other. He doesn't have the ability to join some of us that get together on Wednesday mornings for breakfast unless we have it up his way – so if his beeper goes off he can jump. His volunteerism doesn't stop there either.. He is a First Aider and Ham Radio related, Doug is an Assistant Manager with the W2 QSL bureau. He is the guy who picks up ALL the mail that comes into our PO Box 599 (Incoming DX QSL Bureau for all of the second Call area) and goes through it all. He separates out the QSL cards (from all over the world) and puts them in the 20 or so sacks that go to the primary sorters – the people who sort all the incoming cards for all us 2's by the letter following the 2 in our calls – so we (the Letter Managers) can pick up our bags of cards to sort and distribute to the DX-ers.

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## MINUTES OF THE SEPTEMBER 11, 2002 MEETING

Norm Ellison , W2LSH

The Meeting of the MARAC Board of Directors was called to order at 0800 PM EST (0100Z) by Bill (K2NJ).

The Officers present were:

|                        |                          |
|------------------------|--------------------------|
| President              | Bill Inkrote – K2NJ      |
| Vice President         | Bob Voss – N4CD          |
| Secretary              | Norm Ellison -W2LSH      |
| Treasurer              | Jim Grandinetti – KZ2P   |
| Great Lakes Director   | Randy Davis – N8ELQ      |
| North Central Director | John Robson – WB9STT     |
| Northeast Director     | Stanley Heinsma – VE1BES |
| Southeast Director     | Percy Ford – KA1JPR      |
| South Central Director | Joyce Boothe – WB9NUL    |
| Pacific Director       | Robert Devine – KC6AWX   |

The Members present were:

Dennis (KK7X)  
Hugh (K8GPC)

Upon a motion by Joyce (WB9NUL) and seconded by Percy (KA1JPR) the minutes of the August 14, 2002 meeting were approved. Roll call indicated 9 in favor, 0 opposed.

Upon a motion by Percy (KA1JPR) and seconded by Norm (W2LSH) the Treasurer's report of August 31, 2002 was accepted. Roll call indicated 8 in favor, 1 abstention and none opposed.

### OLD BUSINESS

A: None at this time

### NEW BUSINESS

A: The subject of purchasing jackets, hats and other merchandise for our conventions and other MARAC activities was discussed and it was agreed that we would take no action at this time. Bill (K2NJ) said that he would write Roger (W2NWL) to include information in the RoadRunner in case any members would be interested.

### MARAC National Convention Report

Total Funds received from MARAC were \$2500 seed money, \$2000 for prizes. \$3485.56 was returned to MARAC.

(Continued on Page 4)

*(President Continued from page 1)*

He also gives me (also a Assistant Buro Manager) the envelopes containing letters, questions, checks to handle. Doug also is the letter manger for the letter – E (all people with 2E?? in their calls.

He is also a QSL manager for several DX stations and DX-peditions.

He is a hero in many terms – and is always there eager to help.

This gets me thinking of how many County-Hunting Related volunteers we encounter day in and day out without even giving them a second thought. I won't even attempt to name them all, I will just go through some that come to my mind as I sit here in front of the keyboard. These people do not look for back-pats, they just saw a nitch and jump in trying to help and keep things going.

In MARAC alone, we have the officers and district directors. We give up our spare time to attend the meetings, go through untold Emails (and some snail mails), phone calls etc. Every decision that is made goes through countless battles, discussions, politicking and then run past the club lawyer.. By the time it comes to the meeting and up for a vote it all looks easy... There is a lot that goes on behind the scene that goes unrecognized. Also the Treasurer and Secretary have their hands full with this job in addition to the running of the club.

We have the Web-Master (Dennis KK7X) who seems always to be within contact via Email. I still don't understand how he can type and drive that 18 wheeler at the same time, but I ask a question and within minutes I get an answer (sometimes). I ask for a "SIMPLE" change, and voila, it's done.

You have our Newsletter Editor... Roger is new at this, and eager to put in the time and effort to get a fine issue out on time... He bugs me and others to get our columns in to him and he must cut/fit them into the pages assigned. I don't want to forget Dave KF4KW for his service over the past few years – made my job a bunch easier.

Nancy, W0NAN having to send cards and personal get well notes to those of us that wind up in a hospital or sick. Irony was that the first card she had to send out was to me just after her appointment and I became very ill.

Dave, KE3VV our mouthpiece. Always telling me

"Bill, you cant do that".. Keeping us out of hot water. N8ELQ (and last election VE1BES) as Election Coordinator. This guy gets the ballots and makes sure everyone that votes is eligible to vote. Not an easy task with some of the dirty politics of late (where someone joins MARAC, vote, and when their candidates lost, they then resign from MARAC and want their money back – Yep we have some of them in our midst)..

Bob K0AYO our club trustee. He puts his personal license on the line when he allows someone else to use WB0DPD.

The most overworked volunteer is Gene KD9ZP. I really don't think he had any idea of what he got himself into when he said "Sure, I can do that". He not only issues all those awards, but he wrote the book on them... Wrote and maintains the software, databases etc. – keeps the books (\$\$) and has tons of Email messages from and to all the rest of us. It sure is good for the rest of us that he wasn't smart enough to know just how railroaded he got when we asked him if he wanted work.

There are others out there that are not directly associated with MARAC that we can't forget either... The NCS's, ANCS's the mobiles that go out of their way to get something for you. The "move a mobile" guys who keep it all moving, when the nets get crowded.

The guys that run the QSL bureaus (yea, they make a pittance from it, but would you want their hourly pay for the amount of work they do?).

Willis KE4EJ who wrote the bible on County Hunters software...

I am sure there are others that I will remember just after I send this to Roger, or someone will remind me that I forgot them (hopefully nicely)... It is a chance you take when you mention people by name or title, but I mean nothing bad if I did forget you...

Every day of your life you run across someone who is giving of themselves to make things just a bit better for you and everyone else around them. Maybe it is time to reflect on what they do, and to give them a "Thank you" instead of complaining, because they may have delayed you a few seconds – waiting for the ambulance to pass you on the highway. OR told you that you guessed the wrong signal report and the contact was not good. (but - that is another column that I have beaten to death)..

I want to say thank you to all of MARAC and County hunting volunteers. As President of this organization, I get to take the bows for all of you. You make me look good, and I need all the help I can get.

## Big or Little?

*By David Heyboer KF4KW*

A while back, a thread on the forum got me to thinking. The thread was asking the advantages and disadvantages of using the short mast (22 inch) vs. the longer masts on the mobile antenna assemblies. This is not a technical article by no means but the results of some experimentation a few years back.

In 1995 I bought a new conversion van to make the many trips from Michigan to Kentucky in preparation for retirement. I installed three ball mounts on the back. One on the tire mount on one of the back doors, and the other two to the body just above and to the right and left of the back doors. The tire mount held a Pro-Am 160 meter whip and the other two held a 5-foot mast with 20 and 40. Trees in my neighborhood suddenly looked if Agent Orange had been sprayed on them at the lower levels. One neighbor's cable line had a droop in it and after a few passes under it, his cable quit working. He mentioned it to me one day and when we looked at the cable, bare shield could be seen over the roadway. Being the neighborhood "electronic wizard", I put my hands in my pockets, looked skyward and told him that the tension of such a long run from the pole to his house caused separation of the outer insulation and further separation of the cable. He called the cable company who replaced the cable and as was well and no one was the wiser.

After having to get out in the rain to use an ATM as the van would not fit under the ATM station and also after breaking a few 8 foot light tubes at the local gas station, it was time to do something. The culprits appeared to be the 20 and 40-meter resonators and not the stinger from the 160 resonator. I ordered the 22-inch masts and tried them. Viola, a little tweaking and tuning and they worked as well as the longer masts. The resonators were well above the top of the van and I did not notice any degrading of received or transmitted signals. Taking the 160 resonator off I found I could fit under the ATM stations and also not could go through most fast food pick up windows.

Roll forward a few more years and a new pickup truck was purchased. Yea, another challenge on how to mount antennas on this piece of Detroit iron. A ball mount on passenger's side was the easiest part as the natural channel behind the door existed and assessable by removing a radio speaker. As the 706 is separated and the main portion of the radio was mounted behind the seat, antenna hook was a snap.

No wires to run to the front of the truck other than the separation cable (another story). The first problem appeared, as I could not use the adapter to place more than one resonator on the 5-foot mast. One at a time and changing bands meant stopping and changing resonators. Not good. Another mast on the other side by the driver's door? That was ruled out after the first shakedown cruise. The mast on the passenger's side made so much wind noise and with the hollow channel it was mounted in amplifying that noise, I could not hear the radio. Even the Clear Speech speaker mounted above my head on the back rail offered little hope of hearing the tu-tu's at highway speeds. Time to look around for something else.

I stumbled on an advertisement for Geo Tool and finally bought one of the stake bed mounts they manufacture. Installation was straightforward with the hardest part being taking the tail light assembly out to get to the bolt and wiring for the mount. Very little space is left to tighten the bolt at the bottom of the mount that secures the mount to the stake bed insert. A ratchet wrench solved that problem but it still took a long time to get that bolt tightened. A little dab of silicone to provide weather protection even though it was mounted inside a body panel made me feel better. Good old Detroit must have had a ham design the truck as right under the driver's seat is a plastic knockout plug to run the coax after securing it with nylon ties to the frame. A small hole drilled through the plastic plug, a couple of small ties around the coax to keep it in place, a touch of silicone sealer again and I was ready to solder on a PL-259.

I opted to put the long mast on it at first and it worked like a charm. No hash from the engine while it was running but still uncomfortable with the height it presented and thoughts turned to another stake bed mount for the other side for a second mast and a coax switch inside the truck to change from one antenna to another. Then a brain storm (or whatever you call it) occurred to me. I found one of the 22-inch masts and replaced the 5 footer. Results were encouraging, as I again could not detect any degrading of the sent or received signals with the shorter mast. I once again could use the ATM and visit the local fast food take out windows. Another plus occurred to me and I put the tri band adapter on with a 40 and 20 meter resonators mounted. No appreciable bending at highway speeds even with a spring installed. Not having to stop to change resonators to change bands was one of the pluses I was looking for.

*(Continued on page 5)*

Major Awards Issued For The Month Of  
**September**

KD9ZP - Awards Manager

| Award                             | Number                                                                               |                                |               |
|-----------------------------------|--------------------------------------------------------------------------------------|--------------------------------|---------------|
| LC-1                              | 262                                                                                  |                                |               |
| LC-2                              | 5                                                                                    |                                |               |
| LC-3                              | 5                                                                                    |                                |               |
| All Others                        | 17                                                                                   |                                |               |
| Call                              | Date                                                                                 | Award                          | Number        |
| ND3T                              | 9/18/02                                                                              | Big Rig                        | 1205 Counties |
| KA9ZRW                            | 9/9/02                                                                               | BINGO II                       | 21            |
| KB3BMT                            | 9/18/02                                                                              | DX Mobile                      | 25 Countries  |
| KA3MMM                            | 9/30/02                                                                              | Last County Count 275          | 41            |
| KC0JG                             | 9/24/02                                                                              | Last County Count 325          | 31            |
| AI5P                              | 9/9/02                                                                               | Last County Count 500          | 15            |
| KB4XK                             | 9/20/02                                                                              | Last County Count 650          | 6             |
| W0NAC                             | 9/24/02                                                                              | Last County Count 75           | 188           |
| KC0IA                             | 9/18/02                                                                              | Worked all Counties - 2nd Time | 305           |
| VE9DH                             | 9/22/02                                                                              | Worked all Counties - 2nd Time | 306           |
| KC6AWX                            | 9/4/02                                                                               | Worked all Counties - 3rd Time | 161           |
| WB0CQO                            | 9/14/02                                                                              | Worked all Counties - 3rd Time | 162           |
| N8CIJ                             | 9/25/02                                                                              | Worked all Counties - 4th Time | 102           |
| WA6OCI                            | 9/26/02                                                                              | Worked all Counties - 5th Time | 59            |
| Function                          | URL                                                                                  |                                |               |
| MARAC – Home Page                 | <a href="http://www.marac.org">www.marac.org</a>                                     |                                |               |
| Application - Last County         | <a href="http://www.marac.org/lastcounty">www.marac.org/lastcounty</a>               |                                |               |
| Application – Worked All Counties | <a href="http://www.marac.org/wkallcounties.htm">www.marac.org/wkallcounties.htm</a> |                                |               |
| N8EI Application - Membership     | <a href="http://www.marac.org/membership">www.marac.org/membership</a>               |                                |               |
| N8EI Elections                    | <a href="http://www.marac.org/elections">www.marac.org/elections</a>                 |                                |               |
| MARAC Database                    | <a href="http://www.marac.org/database">www.marac.org/database</a>                   |                                |               |

**Mobile Amateur Radio Awards Club****Treasurer's Report  
September 30, 2002**

Funds Balance 8/31/02 \$26,385.14

**Adjustments:**MARAC 2001 Convention - advance return  
\$4,500.00MARAC 2002 Convention - advance  
(\$2,500.00)**Income:**Awards \$999.00  
Dues \$819.00  
Interest \$17.86  
**\$1,835.86****Expenses:**Gene Olig – expenses \$142.57  
Christine Butler -Dreamworks software \$104.95  
MARAC 2001 Convention \$1,014.44  
Stafford Engraving - awards \$73.00  
Print Rite, Inc – newsletter \$433.28  
**\$1,768.24**  
+ \$67.62**Account Balances: \$26,452.76****Money Market Account \$26,159.05****Checking Account \$2,293.71**  
**\$28,452.76****Note:**

The following monies are not included in the above:

Awards Chairman's Funds \$1,200.00  
Convention Chairman's Funds \$2,500.00**Minutes (Continued from page 1)**

The accounts are now closed. All agreed that Bob (KC6AWX) did a great job.

**OPEN MEETING****Members Comments**

All members present at this meeting of the BOD agreed that this chat room seems to work great.

There being no further business to transact, Bob (KC6AWX) moved that the meeting be closed. Second by Bob (N4CD) the motion carried the meeting closed at 08:17pm EDT.

**Respectfully Submitted,**  
**Norm Ellison W2LSH**  
**Secretary, MARAC**

**MARAC NEWS**

KK7X

**Silent Key**

It is with great sadness that we report the passing of W7BD, Bob Leinau on September 18th. Bob was very active on the CW net and will be greatly missed by all.

**Chat Room and Board Meetings**

The last board meeting went off without a hitch using our new IRC based chat room. Please join us for the next board meeting, which will be on Wednesday, October 9th at 2000 Eastern Time. You may join us by going to <http://marac.org/chat> or <http://countyhunter.com/chat>. It is recommended that you download mIRC prior to joining the chat for better connection and interface.

**Convention News**

A reminder that the 3M will be held October, 17th, 18th and 19th in Murfreesboro, TN.

You may find more information by going to: <http://marac.org/3MMINI2002.htm>. Also the 2003 South Central Mini will be held February 20, 21 & 22, 2003 in Austin, Texas. For more information: <http://marac.org/scmini2003.htm>. The 2003 MARAC National Convention will be held July 16th thru the 19th in South Bend, Indiana. For more information please visit <http://countyhunter.com/marac2003>

**Visalia 2002 Photo CD**

A reminder that the Visalia Photo CD is still available for your enjoyment. Containing photos from the National Convention as well as photos from past events and of many of your friends. You may order today for only \$19.98 by visiting <http://marac.org/visalia2002.htm> or if you will be attending the 3M the CD will be available for the special convention price of only \$17.98.

**If you would care to share information for the next newsletter please send an email to**

**KK7X, MARAC Webmaster and Information Coordinator at [kk7x@marac.org](mailto:kk7x@marac.org)**

**This is your NEWSLETTER  
Help Fill It's Pages With  
"Information"**

**Popular Electronics June 1963 Edition**

Physical Disabilities never seem to bother the high-spirited radio amateur operator. Although confined to an iron lung, Cliff Corne, K9EAB Peoria Ill., has been awarded scores of certificates attesting to his operating proficiency on both C.W. and Phone.

**Cliff was awarded USACA #1 on August 15, 1965**

*(Thanks to Alan VK4AAR for the article above )*

**New Address for USA-CA Applications**

Effective Sept 17th, my new mailing address for all USA-CA applications and correspondence will be:

12 Wells Woods Road,  
Columbia, CT. 06237

New e-mail address to follow when established. 2.1 acres with lots of tall trees for 160/80 antennas this time.

Ted Melinosky K1BV  
USA-CA Custodian

**Big or Little (continued)**

A couple of things encountered that were on the minus side. Occasionally when traveling I check into a 75 meter net and the 75-meter resonator will not tune properly on this setup. Also, the extra weight presented with the resonator means guying the assembly. The tune up on 20 and above is fairly easy and straightforward. On 40, however, it is really touchy and without an analyzer is hard to accomplish. But obviously it work, as if I can hear them, I can work them even with a tu-tu signal report.

I further experimented with the short masts on other mounts and have found that on a properly grounded magnet mount or a trunk mount they do not work and are not worth the effort in even trying. Driving a police cruiser around with extra long antennas on them causes the administration to take notice and question it. Of course, others may have had success doing this with magnetic mounts and other types.

Experimentation is the mother of invention and this set up has worked for me. Hopefully, it will work for others or at least get you thinking about others ways to accomplish our main goal, communicate.

**"Have fun with your experimenting".**

Dave

*(See the picture of Daves instillation on page 4)*

## ATAS-100 Mobile Mini-Screwdriver Antenna “My First Impressions”.

John M. Hoyt, W5UGD

I recently acquired an ATAS-100 mini-screwdriver antenna to replace the Outbacker Perth Plus which had been on loan to me for 6 months.

The ATAS-100 is a tiny screwdriver antenna. The base is about 2 inches wide by 2 feet tall and contains the mechanical part of the antenna. It has a whip that is about 4 feet long, and the mid section extends and retracts about a foot total, if that.

The first thing I had to do was convert one of my Diamond K-400C 3/8 mounts over to the UHF mount that the ATAS requires. Easy as pie. Diamond's customer support told me exactly what to buy and it replaced the 3/8x24 thread mount and coax lead with the UHF mount. Literally a 5 minute job.

Next I had to wire up the controller, which is required for my particular rig (IC-706) and most any rig other than the Yeasu FT-100 and other Yeasu's. The controller could be home brewed, but I opted to buy one from Am-Com, the same people who manufacture the ClearSpeech speakers.

The Am-Com ATAS-100 antenna controller is housed in an aluminum chassis 3x2x1 inches in size. It has one toggle switch, a short length of zipcord for power input and two coax connections. Simply connect the power cable to your 12v system, the coax from the antenna to the side that says “To ATAS” and the other side to your rig. Ta-dah, you are done.

A couple notes about my particular experience... I ordered the ATAS controller from Am-Com last Wed and had it shipped 2nd day air. It did not come in on Friday, so I figured I would get it Monday, but was not here due to being in GA putting out counties. It wasn't here yesterday either, so I called Am-Com and they said there had been a mixup and it had been shipped out ground and would be in today (Wed). They apologized and credited me for the shipping. The honorable thing to do.

The ATAS controller I got required a fix right away. The chassis mount coax connectors were not tight in the case, so they rotated when I tightened the coax on it. Not a big problem, but still, an oversight that would cause people grief.

Now came the time to give it a try. I first tried the toggle switch to see if the antenna actually moved up and down, and sure enough, it did! Next I put the rig on 40m and hit the tune button to throw a 10w CW carrier out, watched the SWR and hit the toggle switch on the ATAS controller. Within 5 seconds I had a 1:1 match. I changed to 20m and repeated those steps and within 15 seconds had a 1:1 match. I tried it on every band between 40 and 6m with the same results. 15 seconds was the average time to tune it to 1:1.

Time to make a contact. I gave the VFO and twist and came across an Italian station with a slight pileup, IZ6BXV. I got him on the first attempt giving him a 55, and he returned a 58.

I then put out Pickens, SC, the county adjacent to my home county of Anderson on 20m. While I only got 6 contacts, they all gave 59 reports with the exception of one who gave a 55.

I also tried the antenna toe-to-toe with the Outbacker Perth Plus using a coax switch by making a couple contacts with people and switching back and forth. The reports were all the same, they could tell no difference at all, however I could tell some difference. It seems that the ATAS-100 has slightly more noise, but the S-meter didn't change at all. Just a perception thing on my part I guess.

While the ATAS-100 will never replace a big hung of metal sticking up in the air, it should prove to be a good compromise between a cheap Hamstick and a big screwdriver. It looks good (even my wife says it looks better than the Outbacker), and more importantly, it works well.

Ratings (10 would be my idea of perfect all around):  
ATAS-100 Mini Screwdriver: 9

ATAS-100 manual controller from Am-Com: 7

Am-Com also manufactures an automatic screwdriver antenna controller. While more expensive, it does make using a screwdriver a little bit easier. Also note, both these controllers require NO additional wiring run to your antenna. They use the coax to send the voltages needed. The DC is blocked at the controller so there is no risk of it damaging your rig. More info can be found at <http://www.amcominc.com/>

Plans are available on the web for making your own controller for those who had rather home brew and save some money.

### Some Thought's

*Ray Petschonek, WG6X*

I recent tried out my new Heil Traveler headset on my Icom 706. The outstanding transmit and receive was just great and like the HS-706 model from Heil for the Icom 706 series was comfortable on the head.

I found that the keying and up/down block left something to desire in it's operation and location for me. It was too easy to hit the up/down buttons while trying to use the PTT button and found myself several times shifted off frequency. It seems the distance between the headset to the keying block with the PTT and up/down block was a little too long and the distance from the mike connection at the rig to the PTT and up/down block might be a problem for some installations, but in that case the rig or the head of the 706 would have to be out a normal range you would expect for mounting.

The big problem for me was the ease in hitting the up/down buttons and I removed the headset out of service and when back to my single-sided PRO for the rest of the trip. I am sure with real care and after learn curve a operator would get use to this key block arrangement. If you really don't need this added feature I would think the HS-706 would be a better choice.

One area many have problems with (the fuses for the power cable supplied are at the rig end) or often give little thought about is where and how to connect the radio power cable to the battery. I suggest that you might put a little more work into it by using part of a plastic box and mountable fuses at the battery area or at least mountable fuses at the battery area.

A plastic box can be cut down so that you have a lip for mounting to the vehicle and a flat surface to install mountable fuses which can be found in many auto part stores or marine part stores. I did this on my Chev truck and mounted the plastic remains to the radiator frame and used short lengths from the fuses to the battery. I also think a dual terminal battery is the best choice for radio installations. Oh don't forget the battery terminal spray to keep the corrosion down at all connections.

In my Nissan the fuses are mounted to the body by the battery as I was in a rush ( yepper rushing can be a bad fault ) as I was making a run the next day. So you can also mount those fuses this way. What counts is the fuses are at the battery area and as in the case of my truck also at the radio power connection.

73'S Ray

### New Members

*The new members listed below were missed due to the change in editor please welcome and add them to your database*

R 3028 AB8NV John W Martindill PO Box 72 Jeffersonville OH 43128 Fayette

R 3029 WD5GSG Bob Kocher 5159 Lubbock Ave Fort Worth TX 76115-3720 Tarrant

R 3030 KF6JOQ Larry W Callahan 4908 Jonah St Bakersfield CA 93307 Kern

R 3031 N0UX Terry R Murrow 3465 Monarch Pass Dr Colorado Springs CO 80917 El Paso

R 3032 KB0MHH Shari A Bird 4567 Caribou Lake Rd Duluth MN 55811-9607 St. Louis

R 3033 W6NK Russell Miller 5656 Santa Rita Ranch Rd Templeton CA 93465 San Luis Obispo

R 3034 K9MRQ David J Vandaveer 9 Boulder Lane Friday Harbor WA 98250 San Juan

R 3035 WO7GI Michael C Wood 2704 NW 26th St Lawton OK 73505 Comanche

R 3036 WO7HI Patti K Stiles 124 Circle View Dr Yelm WA 98587 Thurston

R 3037 N7BON Bonnie Earls-Rode P.O. Box 4173 West Richland WA 99353-2578 Benton

R 3038 N7NZI Diane Wilson 550 Cable Way Hanford CA 93230-6920 Kings

### New Members For September

R-3045 KD4VXP P.O. Box 41 Pelzer, SC 29669-0041  
mhawkins@cfaith.com

R-3046 KS2S 990 Spa Springs Road Perth Amboy, NJ 08861  
ultrafixedwing@juno.com

R-3047 N1OMS P.O. Box 475 Hope, RI 02831  
n1oms@hotmail

R-3048 KG7Q 4760 E Van Buren Ave Las Vegas, NV 89110

R-3049 K4HVB 5221 Canter Dr Roanoke, VA 24018  
k4hvb@arrl.net

R-3050 N4XML 4365 Hunting Bow Trail Myrtle Beach, SC 29579  
n4xml@arrl.net

#### Editors Note

**The double spacing above is caused by  
"LACK OF INPUT"**

*The County Line Roadrunner*  
*MARAC Secretary*  
*21140 Golden Pond Road*  
*Long Beach, MS 38560-9012*

*“A Road Runner Is A Very Fast Bird”*

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## Board of Directors

**President:** Bill Inkrote, K2NJ, 911 Route 579 Flemington, NJ 08822-5648 908-788-4827 [K2NJ@MARAC.org](mailto:K2NJ@MARAC.org)

**Vice-President:** Bob Voss, N4CD 3133 Charring Cross, Plano TX. 75025-5712, 972-618-5235 [N4CD@MARAC.org](mailto:N4CD@MARAC.org)

**Secretary:** Norm Ellison, W2LSH, 21140 Golden Pond Road Long Beach, MS 39560-9012, 228-452-1807, [W2LSH@MARAC.org](mailto:W2LSH@MARAC.org)

**Treasurer:** James Grandinetti, KZ2P, PO Box 106 Lakewood, NJ 08701-0106, 732-370-8055, [KZ2P@MARAC.org](mailto:KZ2P@MARAC.org)

**Great Lakes Director:** Randy Davis, N8ELQ, 1894 Sheick Road Monroe, MI 48161-9468. 734-587-2454 [N8ELQ@MARAC.org](mailto:N8ELQ@MARAC.org)

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