



The County Line

ROADRUNNER

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

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Volume XXXIII

May 2002

Number 5

THOUGHTS ABOUT BEING MOBILE

By: Bill Herbert, WA2ZYM

How often do you operate mobile? After all this is the "Mobile Amateur Radio Awards Club". Ten years ago the XYL and I decided to become full time Rver's. One result was that down came the beams, the vertical, and off to the ham fest with most of a 30 year collection of ham gear. From then on I was full time mobile, and once I got used to it, it turned out to be really enjoyable.

The Kenwood 440 was installed in the truck, Hustler antenna mounted in place and away we went. For the first couple of years, there wasn't much operating since I am a slow learner (read lazy) and just didn't spend time trying to drive and listen at the same time. Also, in common with many other hams, the xyl did not always take kindly to the background noise from the rig.

While I began to increase my time on the air, I didn't get back to fairly steady operating until 1998.

In January of 1999, I attended the Orlando Hamfest (if you get the chance to

attend don't miss it – fabulous). Suffering a temporary loss of sanity I traded in the 440 for a new Alinco. Shortly afterwards the light dawned, it occurred to me that I did not have to be driving to operate mobile. I could do it sitting in the truck in the campground or RV park. All that is required to classify you as mobile is that the rig be mounted and powered from a source that can be moved without disconnecting any wires or cables. If you are sitting in your driveway, operating from your car or truck, and not connected to anything, you are mobile. Of course, you are more mobile if you are moving down the road!

Having served in most of the offices of the 3905 Century Club (K2JG was WA2SRM in those days), my first attempts at seriously operating mobile were on their 75 and 40 meter nets. Since I was now west of Nebraska 75 meters was a loss most of the year. They just could not hear a mobile. On 40 things were actually better than "back east" (if you think you have bad QRM try operating 40 meters from the east coast at about 0100z!) but most of the activity that I was interested in occurred before

the band was open for me. Then I tried the YL system on 20 and occasionally listened to the county hunters. After a while I realized that I was passing, in my travels, some counties that were really needed by some hams. I also realized that I could make more contacts with the county hunters, in a shorter time, than on any other net. Most important, I also discovered when I wasn't giving out a county myself I didn't have to concentrate too hard. I just had to listen for my call so I would know when it was my turn, something not really hard to do. In the meantime if I heard a county that I needed, I would call – if I didn't hear it, better luck next time.

What have I learned from this? Well, to start with, county hunters are a great group of people. The net moves along at a good pace on 20, every one gets a chance and if you are on the mobile end, putting out a county, there is a lot of help out there. I won't even try to name names; there are just too many really good people out there.

For the hams that have not tried mobile work, give it a try. It is a real joy to work people who need the county you are in. It is also a challenge to be mobile all the time, trying to work counties yourself.

Among the things I learned about working mobile are the following:

Don't be afraid to get on the list to put out a county. Sometimes you will cross two or three counties while waiting your turn. So what? Somebody will need the one you are in when it is your turn. I have put out counties when I got snowed under and others where I only had one or two call me. Since we don't move every day, or even every month, I often put out the same county several times. Usually, at least one person needs it. I have also put out a county with one contact – net control!

When mobile and trying to contact the current county runner, be patient. Throw your

call in. If you don't get heard the first time, try again. I figure if the mobile is 44 or better he will hear me sooner or later. After all, he's mobile and so am I. As you are both mobile, if you can hear him at 44 or better, 90 percent of the time you can work him.

If the mobile is less than 44, I try about three times, and then I will sit back and wait for NCS to ask for relays. Once in a while it will even take a double relay. Again the operative words are "be patient". When you are mobile 100% of the time, there is just no substitute for patience.

Equipment – almost any rig that will operate on the band you want to use will work. Probably the most important piece of equipment for a mobile unit is a good, high quality antenna, PROPERLY GROUNDED. I cannot emphasize the importance of a good ground too much. It will improve your transmitted signal, and affect your ability to receive the weak ones. WA3ZMY (SK) was a very good friend of mine and one of my clearest memories of him is meeting him in Maryland one time when he had a 14avt mounted to the front bumper of his truck, with a ground of ½ inch copper braid. Bill did admit to being extra careful at underpasses!

My strictest guideline is one that I fear many hams forget. IT IS JUST A HOBBY. If I don't work Podunk, Tasmania today, I will probably get it the next day or the next week. I will not get fired if I don't and certainly no one will get upset if I don't get them all in the first month.

One thing to keep in mind is that, no matter how rare the county or how badly you need it, you are hurting other hams that may need the county as badly as you do if you insist in trying to make a contact when you can't hear the mobile. Just because you hear it announced and can hear a bunch of people working the mobile doesn't

mean you should try. If you can't hear him, forget it.

When putting out counties, if you know the one you are in is fairly hard to get then do the group a favor. Pull over, on the shoulder if safe, or park and concentrate on giving it out to as many as possible in the time you have. You can handle many more contacts when you don't have to drive at the same time. Unless you are on a schedule then let yourself be moved if the demand is there. More than once I have pulled over to the side with the 5th wheel because it is a county not heard every day, and I once spent the entire run in a grocery store parking lot in a scarce one in the Florida panhandle. Fortunately for me, the xyl needed groceries!

A side note – whether giving out or trying to work a county. If you are mobile the strength of other stations will vary with your location. If they suddenly become stronger then find a spot to stop. You will be stronger to them also, and will have a lot more success. Also, as many mobiles have found out, power lines are bad news. Most of them generate more noise than a passing jet. If you are giving out a county and suddenly find you are driving parallel to a power line that is killing your reception, tell the net control, and pick up the run later. It will be a lot less frustrating to both you and the NCS.

I had to do this in Feb. in Eddy, NM. K2JG's 59 signal dropped to 22 next to a power line on rte. 82. The power line went on ahead of me with no end in sight. I cut it short and ran Eddy a couple of hours later from another location. My apologies to those who missed a contact the second time.

If you are on the list, be clear on where you are. Most states today have markers on the main roads so you know what county you are in. If you honestly don't know then try this: tell NCS that you are not sure of the county but that you are at mile marker such and such on

highway so and so or that you passed thru West Noplace 5 miles back. Almost invariably someone on the net will know what county you are in and you will be able to run it.

For the past couple of years we have been working (volunteer) with the National Park Service. This has taken us from Arizona to Colorado, to Yellowstone in Wyoming, to Canaveral National Seashore in Florida, back to Yellowstone and this winter to White Sands National Monument in New Mexico. Along the way I have put out as many counties as possible. There have been times though when I have been on the list and then not been able to put out the county on my turn. There have also been days where I could make an occasional contact but could not put a county. As I heard Ralph, WB4FFV say one night - "Safety of you and your vehicle is first priority". Sometimes you have to forego the radio for the other rig – the one you are driving. When you have 50 to 55 feet of truck and trailer to handle (or even more for the 18 wheelers) you have to pay attention. They won't stop on a dime, or even a half dollar (remember them?)

How have I done being mobile all the time? When I got serious about it I went through all my old logs – back to 1978! At that time I had about 1100 counties on all bands. Since then the total has jumped to 2100, but more interesting is the fact that I have worked over 1500 counties on 20 meters as a mobile, just in the last two years. Not a bad total when all of the 1500 were while I was mobile.

While we are stopped for a couple of months, I will put out some of the counties around us and do so at every opportunity. We'll hit the road in early spring and work our way back to Yellowstone by way of Arizona and Nevada. I hope to put out counties as often as possible and hope to work many of you along the way. Maybe, we will meet each other on the road for an eyeball. But, if you haven't already

done so, try going mobile. You will really have a ball.

Publishing Policy

Opinions expressed in articles are those of the author and may not reflect those of the **Mobile Amateur Radio Awards Club**. Articles appearing in the **Roadrunner** may be copied provided credit is given to the author and the **Roadrunner**. The **Roadrunner** is published monthly and articles from members are encouraged and welcomed. Articles from other sources are welcome also, provided the source allows re-publication and credit is given to the original author and the source. The Editor reserves the right to edit all articles for size and content. We will not publish any articles that are sexist, racial, or otherwise in poor taste. Direct submission of articles are encouraged by hard copy or diskette using MSWord to Dave Heyboer, KF4KW, 521 Pine Grove Church Road, Bowling Green, KY 42101 or via e-mail to kf8kw@MARAC.org. Deadline for submission of articles and changes is the first of the month for publication in the next issue of the **Roadrunner**.

From The MARAC Secretary

Renewals

If your mailing label indicates 200202 or 200203, it is time to renew. Dues with a monthly printed newsletter are \$19.00 a year. Dues with the newsletter mailed via airmail to all continents other than North America are \$30.00 a year.

Members may receive the newsletter electronically, without a printed copy, for \$14.00 a year.

Multiple year renewals are welcome. Please make your money order or check payable to MARAC and mail to: MARAC Secretary, **W2LSH**, Norm Ellison, 21140 Golden Pond Road, Long Beach, MS 39560-9012.

MARAC Information Packet

For new members or persons interested in county hunting, a County Hunting Information Packet is available. The packet contains information about MARAC,

MRC/QSL'ing, net operations, county hunter supplies, and more. The packet can be obtained from the MARAC Secretary in one of two ways. You may send for the packet yourself or it may be requested for you by a third party. A mailing label or SASE is appreciated. Address all requests to W2LSH, Norm Ellison, MARAC Secretary, 21140 Golden Pond Road, Long Beach, MS 39560-9012. MARAC will pay the return postage. European amateurs may request the information packet from Eddie Scholes, G4KHG.

Changes?

Please send all changes regarding your mailing address, phone number, call sign changes or other database information to the MARAC Secretary, W2LSH, Norm Ellison, 21140 Golden Pond Road, Long Beach, MS 39560-9012.. Alternate method of notification is via e-mail w2lsh@MARAC.org, or via telephone, 228-452-1807. This notification will include the mailing of the Roadrunner and the awards database. Posting the information on the WWW or sending to other sources does not guarantee that it is received at MARAC headquarters.

CQ Magazine

I am very pleased to announce that:

Jerry Mertz W0GXQ earned USA-CA All Counties #1006 on Aug 18, 2000 on a mixed mode basis. Jerry has submitted additional QSO data which now changes his award to an "ALL CW" basis. Congrats on earning this very difficult endorsement.

Clif Smith K6JN has submitted a valid application for USA-CA 3077 and is hereby awarded #1041 dated April 20, 2002. Mixed band/mode. Clif's e-mail address is: K6JN@hotmail.com

Sharon Martarello, KJ8F, has submitted a valid application for USA-CA 3077 and is hereby awarded #1043 dated May 4, 2002. Endorsed for All SSB. Her e-mail address is:

kj8f@arrl.net.

Dean DeVries N9VRZ has submitted a valid application for USA-CA 3077 and is hereby awarded #1044 dated May 10, 2002. Endorsed for All Mobile, All SSB. Dean's e-mail address is: n9vrz@hotmail.com

Ray Petschonek WG6X has submitted a valid application for USA-CA 3077 and is hereby awarded #1045 dated May 22, 2002. Endorsed for: All Voice

Congratulations to all of you:

Ted Melinovsky, K1BV

USA-CA Custodian

MARAC

On behalf of the officers, directors and other members of MARAC, I salute the following county hunters for their accomplishments:

Worked All USA Counties 2nd Time

N9STL #301 Dated 4/28/02

AD8W #302 dated 5-11-02

KD4DJ #303 dated 5-31-02

Worked All USA Counties 3rd Time

WD9HAW #159 dated 5-26-02

Worked All USA Counties 4th Time

KE2FZ #100 dated 5-7-02

Worked All USA Counties 6th Time

KG5J #13 dated 5-20-02

Big Rig Award

KA1JPR (3067 Counties) dated 4-23-02

KK5MI (514 Counties) dated 4-3-02

N9VRZ (504 Counties) dated 4-18-02

Master's Gold

KI0JD #8 dated 5-6-02

AWARDS REMINDER

When mailing applications for awards to the Awards Manager, please use the post office box address and not Gene's home address. The Assistant Awards Manager has access to the post office box and in Gene's absence, can pick up the applications and begin processing the awards. This will shorten any delay in issuance of awards. Another way to apply for awards is ON line via the Internet at the addresses listed below:

MARAC AWARDS

PO Box 2295

Fond du Lac, WI 54936-2295

Or

Last County

www.marac.org/lastcounty

Worked All Counties

<http://marac.org/awards/onlineAppWorkedUSQ.htm>

On Line Data Base

www.marac.org/database

On Line Elections

www.marac.org/elections

BOD/Members Meeting

MINUTES

MARAC BOARD OF DIRECTORS AND MEMBER MEETING April 10, 2002

The Meeting of the MARAC Board of Directors was called to order at 0809 PM EDT (0109Z) by Roger (W2NWL).

The Officers present were:

Vice President Roger Purdy – W2NWL
Secretary Norm Ellison -- W2LSH
Treasurer Jim Grandinetti – KZ2P
North Central Director John Robson – WB9SST
Southeast Director Percy Ford – KA1JPR
South Central Director Joyce Boothe – WB9NUL

The Members present were:

Randy (N8ELQ)
Hugh (K8GPC)

Upon a motion by Percy (KA1JPR) and seconded by John (WB9STT) the minutes of the March 13, 2002 meeting were approved. Roll call indicated 5 in favor, none opposed.

Upon a motion by Percy (KA1JPR) and seconded by Joyce (WB9NUL) the Treasurer's report of March 31, 2002 was accepted. Roll call indicated 4 in favor, 1 abstention and none opposed.

NEW BUSINESS

A: Joyce (WB9NUL) announced that the next South Central Mini will be held in Austin, TX and will be hosted by Bob (KK5MI)

OPEN MEETING

Hugh and Randy had nothing to bring before the Board at this time and there was no further business to transact a motion was made by Joyce (WB9NUL) second by John (WB9STT) to adjourn. The motion carried, 5 in favor none opposed.

Roger (W2NWL) thanked all who attended and declared the meeting closed At 8:20pm EDT (0120Z)

Respectfully Submitted,
Norm Ellison W2LSH
Secretary, MARAC

TREASURER'S REPORT

April 30, 2002

Fund Balance 3-31-02 \$25,648.35

Income \$1,964.32

Expenses \$1,293.81

Account Balance \$26,318.86

A more detailed report is available on the MARAC Web Page.

So You Want To Be A "HAM"

Midland County 4-H Project

You may remember that I reported in an earlier issue of the Road Runner that "So You Want To

Be A Ham” became the theme for a new 4-H project initiated in Midland county Michigan. The first “Tech Class” has completed and the results have been most rewarding. The initial registration was ten in number – three teens and seven adults. In the next couple of weeks, the number dropped to 8 when a father/son team had to leave the program and gave us a clue that school work and an aggressive radio training program didn’t work well for them (we’ll probably stretch the class a little longer next time).

Over the course of the ten weeks, the class was studying the text at home, attending a two-hour session which, typically, was split into an hour of various demonstrations and displays, hands on soldering of a small training “kit”, Q/A, videos, stories and experiences, and general verbal exchange. The other hour was spent with practice tests building on the knowledge gained from the text and any questions being resolved. What made the class so invigorating was the presence of three to eight hams from Midland Amateur Radio Club each night. All the hams contributed to “teaching” and left me, unbegrudgingly, the facilitator and, often, a student myself.

Culmination of the class was on the evening of April 10th with VE testing. The eight students and seven “walk-ins” were given the opportunity to be tested for all elements of the examination. The results were especially pleasing as all eight “class” students passed the Tech theory, three passed the CW, and four passed General theory. Of the “walk-ins”, one became a Tech, two Tech+, two General, and one Extra class license holders.

Without question, a significant experience for me and the rest of the class, was watching the young man, 16 years old and afflicted with Cerebral Palsy, progress and earn his Technician Amateur Radio license. Michael has a very sharp mind, speaks very clearly, and

possesses a pleasant sense of humor, all of which made an ultra positive contribution to the class. Confined to a motorized wheelchair, with crippled hands and inability to read, the monitoring Volunteer Examiner presented each question and the four answers to him using a laptop computer and speech synthesizing software and recorded the answer he selected to the answer sheet. Try to comprehend the hearing of a test question and the choice of four answers, then relating the correct answer with the A,B,C,D letter equivalent and saying it to the examiner. Do this with unfamiliar information that was READ TO YOU from a text book over the past dozen weeks and evaluate just how you might fair with the Q/A session as Michael had. The classroom broke into applause when the VE announced his success...it was an emotional moment for several of us!

What a great start for a new 4-H program in Midland county Michigan and we expect additional teaching sessions to be requested as the project gets further publicity. BTW, the 4-H Leader Enrichment Training day had four leaders and one senior YL teen in the Ham Radio session. After the introduction to ham radio and how we were conducting the learning classes, we went out to the van for a demonstration of international ham radio communication. A successful ten minutes of contact with VK4AAR, Alan, in Australia gave each of the group had a chance, and the thrill of radio, to at least to exchange greetings with Alan.

The initiation of the project I can take credit for, BUT the real success of the class has to be credited to those hams from Midland Amateur Radio Club that unselfishly gave of their time, experiences, and sometimes materials, to make the class room vibrant, the learning experience expectant, and eight new hams a reality.

N8STF-Eldon

CW Status

STATUS OF COUNTIES WORKED ON CW AS OF JANUARY 1 EACH YEAR

CALL	2002	2001	2000	1999	1998	1997	1996
KR1B		1983	1552				
VE1BES	925						
AD1C	1141	526					
N1IA				1706 #2	1569 #2	934 #2	108 #2
KT1M		2507	2490				
KA1Q	901 #2	500 #2	3075		3068	3059	3034
W1TEE	1864 #2	239 #2	3074		3074		3070
VO1SF				2906			
KL1V	313						
WA2AKB	526						
N2CQ	923						
W2CUK				2666 #2	2556 #2	2179 #2	1293 #2
N2CWG	2315 #3	163 #3	3070 #2	3067 #2	3064 #2		
VE2EM	2725	2648	2569				
WA2EYA	2798	2798		2757			2749
W2EZ	2997 #2						
K2HVN	3037 #2	3025 #2	2922 #2				
OK2PAY			1800				
NO2W	1310						
W3BBO	1586						
DL3DD	3039	3026					
W3DYA	3030 #2	2978 #2	2899 #2	2813 #2	2585 #2	2202 #2	1390 #2
WU3H	1126	2999	2954	2267	1892	1553	899
OH3JF	2823	2709	2682	2639	2597	2594	2561
VE3KZE	2987	2864	2831	2792			2671
KA3MMM	2128 #4	3069 #3	2722 #3	1331 #3	3060 #2	2962 #2	2502 #2
WD3P	3041 #2	2962 #2	2770 #2	2445 #2	1772 #2	339 #2	2959
WA3QNT	2542	2522	2461	2422	2400	2378	2327
KC3X	1449	1174					
N3XX	2966	2848	2028				
AE3Z	850						
VK4BS	1539						
N4CD	2769	2496	1923				
DJ4GJ	2143			2542			
N4HIM	2268	1875	1262				
KA4IFF	2769		2461 #2				
WA4KER	2298 #2	2247 #2	2000 #2	1550 #2			
G4KHG	916	861	725				
KR4OE	1082	722	639	194			
W4RKV	2386 #2	2317 #2	1958 #2	1397 #2			
N4RS	1073 #2	3050	2982				
WD4SIG	3030	3030	3030		3028		3027
KC4UG	2873	2383	2011	1331			
AA4VN	853	830	290				
KK4VN	3024	2886	2548	1951			
W4VQ	2939						

KM4W	1674	1452					
K4XI	2620						
KB4XK	1698	1494	1216				
KN4Y	2789 #3	2333 #3	809 #3	2957 #2	2731 #2	2219 #2	
AB4YZ	2489						
KS5A	833						
K5AAR	2074						
W5AL	2001						
NN5B	2676		2676				
KR5C	2282	2087	1776	1307	470		
WC5D	3071		3069				
N5DKW	3015						
KG5J	3063 #2	3029 #2	3075	3071			
W5LXG	2544						
AI5P	2878	2518	1778				
WB5P	569						
N5XG	2878	2671	2318	2174	2097		
K5XY		21	12				
KC6AWX	770						
WD6CKT	2983	2919	2916				
NA6E		1193					
W6HOR	2535 #2	1980 #2	980 #2	3074	3052		
W6IYS	823 #2		2999	2782	2636	2546	
K6QWH	2532	1165	1165				
SM6TEU	1829	1758	1692	1326			
W6TMD		3001	2821	2617	2374		
AD6Z	2180	1715					
W7BD	2991	2931	2833	2771	2646	2500	1994
K7DM	1230	894					
K7DZE	1448						
KL7GN	2483	2387	2377				
K7INA	1528						
WA7JHQ	2297	2176	2010				
AB7RW	2144						
W7SSM	1978						
K7TED	1658	1358	700				
W7TSM	1388	810	95				
K7VAY	2356						
KK7X	1558	1512		1306	1152		
AK8A	1927	1829	1750	1472			
W8CE	2257	1324					
K8CW		2829 #2					
KD8HB	2672 #3						
K8IW	1340						
K8MW	2914	2651 #2					
K8OHC	1429	1385	1199				
WD8OWA				2888	2862		
W8PN	2852 #2	2830 #2	2790 #2				
AA8R	285						
KM8U	2775	2651	2531	2413		2164	2070
W8WVU	3038	3022	3000	2927	2924	2921	2920
W8YL	3028	3009	2974	2897	2897	2924	2894
NF9A	2222	1882					

K9DAF	2076						
W9GBH	1513	1060					
W9HR	2682	2268	1739	1273			
N9JF	>1000						
NN9K	1070	630					
AA9KH	2970	2194					
W9MSE	2982 #2	2859 #2	2478 #2	1773 #2	3060	2973	2871
W9MYY	2741 #2		2733 #2				
DL9YC	325						
K0CO	7						
WB0DPD	2079	2267					
K0EVE	2985	1331					
W0GXQ		2978	2698	2619			
KB0GZR	1082						
AA0IP	2785 #2	2362 #2	1061 #2	3063	2927	2753	
KC0JG	1711	684					
K0LG		587	587				
K0PY	785	1250	1200				
W0RRY	1677	1108	481				
NFOX			3055 #2		3045 #2	3030 #2	2966 #2
N0ZA	2711	2031	569				
K0ZT	2541	2334	2100				
Updated 02-01-02 KA3MMM							

CW Honor Roll

1	W8RSW (SK)	12-04-76	31	WA6VJP #3(SK)	08-04-90	61	W9MSE	02-19-98
2	W2MEI	11-10-80	32	W2FXA	08-11-90	62	KA3MMM #2	07-31-98
3	KA5A	11-09-81	33	N2CWG	08-25-90	63	W6HOR	03-19-99
4	W1JTD		34	W2EMW (SK)	09-10-90	64	AA0IP	07-07-99
5	W3HQU	08-18-84	35	WB2ABD	10-??-90	65	KN4Y #2	11-12-99
6	W3ARK (SK)	11-19-83	36	K8CW	11-25-90	66	N2CWG #2	06-06-00
7	NG0T	02-27-84	37	K8KIR	05-02-91	67	KA1Q	06-04-00
8	WB0ODS (SK)	05-07-84	38	W0AWP (SK)	08-15-91	68	W1TEE	09-09-00
9	N2RT		39	KN4Y	03-17-92	69	WB6IYS	12-18-00
10	W1AQE (SK)	10-09-84	40	WA6VJP #4(SK)	05-20-92	70	KG5J	08-31-00
11	N5QQ (SK)	08-07-85	41	N7POK	06-11-92	71	KA3MMM #3	01-29-01
12	WA6VJP (SK)	09-11-85	42	KD8HB	06-29-92	72	W0GXQ	09-03-01
13	K3LK (SK)		43	W8PN	07-09-92	73	N4RS	09-24-01
14	W3HQU #2	06-10-88	44	NW1O	08-17-92	74	WU3H	10-22-01
15	K7EQ	09-07-88	45	W3DYA	09-17-92			
16	K8MW	11-23-88	46	W3HQU #4	12-11-92			
17	W6NNV (SK)	11-01-88	47	AA7CP	03-07-93			
18	N0CKC	12-30-88	48	W4RKV	11-17-93			
19	WA6VJP #2(SK)	01-22-89	49	WA9QNI	12-13-93			
20	W7GHT	02-16-89	50	W0IZV	05-03-94			
21	W7HZL (SK)	05-10-89	51	WA6VJP #5(SK)	09-04-94			
22	NFOX	09-28-89	52	KA3MMM	09-14-94			
23	N0CYB	10-09-89	53	W2CUK	05-23-95			
24	AK2H (SK)	12-04-89	54	KD8HB #2	07-29-95			

25	W3HQU #3	02-20-90	55	KA1CLV	06-22-95			
26	W2EZ	04-11-90	56	DJ3OE	1995			
27	KA4IFF	06-02-90	57	W2CUE (SK)	04-30-96			
28	W9MY Y	06-30-90	58	WD3P	12-03-96			
29	W2RPZ	07-20-90	59	W9CRN	03-08-97			
30	N6QA	08-03-90	60	WA4KER	10-31-97			

Revised 01-04-02 by KA3MMM

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

Stamp

RECIPIENT NAME
RECIPIENT ADDRESS
CITY, ST 01234-0000

A Road Runner Is A Very Fast Bird

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