

COUNTY LINE ROADRUNNER

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Net Operating Tips

By Mitch, W4RKV

The name of the game in county hunting is to work the mobiles direct if at all possible and thereby avoid time consuming relays. A few stations on the net seem to habitually wait for relays, without making an honest effort to make direct contact. It gets a little aggravating after awhile to have to keep relaying in the same station time after time (when you know they didn't call during the mobile's run), only to have them send the mobile a 5-5 or better. Since a 5-anything by definition is "perfect readability", why didn't the station try and make contact during the regular run? If only a latecomer, why not wait and work the mobile direct on his last call?

Speaking of relays, have you noticed how often a "direct" will call in on the very first call for relays, this after repeated QRZ's from the mobile elicited no calls? MY feeling on this is that the "direct" had his chance to work the mobile during the regular run, and now I should help those who genuinely need a relay and have been patiently(?) waiting. The "direct" can then make contact on the mobile's last call, time permitting.

A final suggestion on relays: when helping the mobile with relays, it is much quicker to take a list rather than acknowledge the calls singly, as in "W9ABC got you, who else need a relay..." Why not just say you'll take a list of relays, copy down what you hear, then feed them in one after the other? The most time consuming of all is to solicit and relay in the calls one by one, as in "W9DEF go to the mobile" (reports are exchanged), then "That's a good one, who else needs a relay for Nye, NV?" and on and on.

Address Changes, New Calls, Etc

R287 K4RQX New Zipcode 32955-8150
R646 WAS WA9YZD NOW WM9F
R728 WAS WB8NVD NOW KN4RI 1230 Oakbrook Dr
Largo FL 34640 (Pinellas)
R744 K8OOK 3565 4 Mile Rd NE Grand Rapids MI 49505
(Kent)
R1222 WB6FJU 0689-967 Rt 5 Box 310 Livingston TX
77351
R1899 N5IWA 10850 Kingsley Rd #227 Dallas TX 75238
(Dallas)
R1952 WAS WV4M NOW AB4ZD

New Members

N 14 KCA6RC Bob Combs P O Box 182 Campbell CA
95009-0182
R2322 SM5BHW Hakan 'Ken' Ekdahl Gunnilbogatan 14A,
S-723 40 Vasteras Sweden
R2323 KB6UF Ronald Jones 912 W Marshall Blvd San
Bernardino CA 92405 (San Bernardino)
R2324 N5QOS Doyle Payne P O Box 1000 Antlers OK
74523 (Pushmataha)
R2325 WA2AKB Aaron Reitman 993 Woodbury Rd High-
land Mills NY 10930 (Orange)
R2326 KN4KR Art Smith 820 Erik Paul Dr Chesapeake VA
23320 (Isle of Wight)
R2327 N9HZH Ron Bishop P O Box 11212 Ft Wayne IN
46856-1212 (Allen)
R2328 KA0FKR Charlotte Moen 132 N. Lake St Forest
Lake MN 55025 (Washington)
R2329 K8GPC Hugh Clark 26252 Schreiner St New Boston
MI 48164-9518 (Wayne)
R2330 KC4BFF Marty Edwards 304 1/2 Leslie Ave Glas-
gow KY 42141 (Barren)
R2331 WA8SCO George Brand P O Box 506 Lewiston MI
49756 (Montmorency)
R2332 KK5W MD Anderson Hosp Radio Club 1515 Hol-
combe Blvd Houston TX 77030 (Harris)

For CW OPS By WOHKF

At one of the board/convention planning meetings the other day one of the local boys said he still needed Ramsey, MN (St. Paul), which led to a discussion of how some counties like Queens, NY (NYC), Dade, FL (Miami) and San Francisco CA are rare because nobody bothers to run them because they figure they are "run to death". The moral is, run your home county occasionally no matter how little you think it's needed. You're bound to make somebody happy!

All of the CH books list 40-some Independent Cities, mostly in VA with a few elsewhere, but nobody ever runs any of them. (I'm not talking about SSB). WB4UPW lives in one of them (Fairfax) and he says that VA is organized under a "county government system" and living in an Independent City his taxes are \$300 less than they would be if he lived in the surrounding Fairfax County. Some few guys make a point of working Independent Cities and K9DCJ is said to have worked all those in VA. After 5 years I still need 23 counties in VA--maybe I'd have them all if some of the boys ran Independent Cities too!

Last month's Roadrunner raised the question (by KA1CLV) about grounding the automobile's tailpipe. The source of ignition noise is the motor block, and this is where one end of the tailpipe starts. It then runs down under the car, hung on insulated supports so it doesn't rattle, radiating them off the end just inches away from the base of the mobile antenna. Good grounding with low resistance braid often helps. Use the braid from a piece of RG8 coax from the end of the tailpipe to the closest part of the metal car frame.

One of the things being planned for the CW Seminar at the 1991 St. Paul National (you're coming, aren't you?) is a display of CW Net QSL cards on a 4 x 8 piece of foam board. If you've never favored me with your QSL in times past, be sure to do so now.

County of the Month: Yell, Ar., after Archibald Yell, the second governor of the state.

MARAC Financial Report

Checking Acc't 11-1-90	\$1,599.01
Income	1,795.00
Expenses	1,574.45
Checking Acc't 11-30-90	\$1,819.56

Savings Acc't 11-1-90	\$13,570.02
1991 Convention Seed Money	2,500.00
Savings Acc't 11-30-90	\$11,070.02

Minutes Of The MARAC Monthly Meeting

The December MARAC Meeting was held on Dec 8, 1990, at the Holiday Inn East, St. Paul, MN. President Don, WA0LKL, called the breakfast meeting to order at 9:00 AM. Also in attendance were W0NNH, WA0RJJ, W9LHG, W0KMH, N0AKC and W0HKF.

The Secretary presented the minutes of the Nov Meeting. With no corrections, W0NNH made a motion to accept the minutes, seconded by W9LHG, passed. John, W9LHG, presented the Treasurer's report. Especially newsworthy was that the Valley Forge Convention Account has been closed, and that the Minnesota Convention Account has been opened with the sum of \$2500 transferred to that account. N0AKC made a motion to accept the Treasurer's Report as presented, seconded by W0KMH, passed.

President Don read a letter from WA6OKQ indicating his intent to author a book about mobiling. After discussion, it was the consensus of those present to encourage that very worthwhile activity, but that MARAC would not financially sponsor it.

President Don led a discussion about MARAC's need to add the position of Resident Legal Counsel to Article IX - Appointed Officials of MARAC's Bylaws. Joe, KA9CHA, has volunteered to accept this position. It was decided to add this proposed amendment to other amendments to be voted on by the membership sometime in the 1st Quarter of 1991.

The Secretary, WA0RJJ, reported that he had completed a comparison of the Secretary's name and address database with that of K0AYO, used to mail the Roadrunner. All differences found have been resolved. In addition, a comparison of the Secretary's name and address database with that of the MARAC Awards Custodian is being done to insure that the Awards Custodian has correct membership active-inactive status for pricing awards.

It was reported that in one 12 day period recently, the Awards Custodian had processed 550 awards. Incredible! Thanks Bill for all your work. that we too often take for granted.

With no additional business, W0HKF made a motion to adjourn, seconded by W0NNH, passed. The next regular meetings will be held on Jan 12 and Feb 9, 1991 at 9:00 AM at the Holiday Inn East in St. Paul, MN. WA0RJJ, Vern Olson, Secretary.

Surge Protecting Home Electronic Equipment

By Skip, N4FSZ

Several months ago, many items in our home suffered damage from a very nearby lightning strike. The lightning hit a utility pole bearing two transformers located about 350 feet from our house, not our house directly. Understand that, in many instances, damage to electrical/electronic equipment inside a house or other structure is not caused by a direct strike, but rather by the intense electromagnetic field which surrounds the lightning bolt. According to an "expert", brought in by our insurance agent, this charged field entered the wiring throughout our home, accessing right through walls. There was also a "surge" induced into the underground electrical service cables from the struck pole to our house, even though pole and transformers directly struck were well grounded.

Damaged items inside our home included: two entrance panel ground fault circuit breakers, two telephones, television, rack stereo system, emergency scanner, microwave oven, kitchen range (electric with electronic controls and washer (electric with electronic controls). Also severely damaged (actually totally ruined because repairs would exceed today's lower prices) were three expensive computers relocated from my recently sold business. **Not to mention my Ham radio.** And damage could have been worse!

Most, if not all, this damage could have been prevented, at a cost far below the repairs. A lot of investigation, after the fact, taught me much. Lightning arresters are available for home electrical panels, but I'd like to briefly discuss surge suppressors here, because they would have prevented nearly all the damage we sustained since we were not directly hit. Plus, surge suppressors will prevent less catastrophic damage on a "could be" daily basis in many areas.

Surge suppressors come in two varieties and a multitude of price ranges. The two varieties are: point-of-use suppressors (units that plug-in directly at individual wall outlets); whole-house suppressors (units installed directly at single phase circuit breaker panels). As to prices of any of these units, you'll have to do your own shopping, based on your decided need.

Point-of-use suppressors are easily found at most hardware stores, electrical/electronic /computer/ham equipment stores or supply houses, direct or via mail order. Point-of-use suppressors will block most common surges that are generated inside your house, such as surges caused when motors on your refrigerator, clothes washer, dryer, dish-washer, air conditioner, etc., shut off.

Whole-house suppressors, mounted directly at your circuit breaker box, will block most surges generated outside your house. A qualified electrician should install a whole-house suppressor since connections must be made at dangerous high voltage points inside your breaker panel. Installation is a simple, quick job, so labor should not be too costly.

Both types should be used.

Whole-house surge suppressors are manufactured by only a few companies and are difficult to find. I learned this the hard way and thought I'd share with you, since state-of-the-art Amateur equipment is expensive and sensitive to surges. Following is a list of whole-house surge suppressor manufacturers, their addresses and phone numbers, and a listing of their principle specifications. **PLEASE NOTE; WHEN READING THE SPECIFICATIONS; THE SHORTEST REACTION TIME IS BEST, THE LOWEST CLAMPING VOLTAGE IS BEST, AND THE HIGHEST TOTAL ENERGY DISSIPATION IS BEST.**

EFI Electronics 801-977-9009 2415 South 2300 West Salt Lake City, UT 84119. Reaction time - less than 1 nanosecond (ns). Clamping voltage - 330 volts Total energy dissipated - 425 joules Warranty - 5 years & up to \$2500 for any eqpt damage.

Electrical Systems Mfg. "De-Spike" 803-568-4141 P O Box 265 Swansea, SC 29160 Reaction Time - 5 ns Clamping Voltage - 180 volts Total energy dissipated - 180 joules. Warranty - 21 years.

Global Marketing - "Redi-Volt" 800-288-8467 11 S Meridian St. #400, Indianapolis, IN 46204 Reaction time - less than 1 ns Clamping voltage - 130 volts Total energy dissipated - 400 joules Warranty - 10 years.

Innovative Technology - "The Protector" 904-799-0713 7228 Grove Rd., Brooksville, FL 34613 Reaction time - less than 1 ns Clamping voltage - 130 volts Total Energy dissipated =- 400 joules Warranty - 10 years

Intermatic - "Electra Guard" 312 282-7300 Intermatic Plaza, Spring Grove IL 60081 Reaction time - less than 1 ns Clamping voltage - 290 volts Total energy dissipated - 500 joules Warranty - lifetime and up to \$5000 for any eqpt damaged

Maxi-Volt-Corp. - "Maxi-Volt" 806-358-4024 P O Box 8171 Amarillo TX 79109 Reaction Time - less than 1 ns Clamping voltage - 190 volts Total energy dissipated - 160 joules Warranty - 5 years

One other important note: an "Amateur Radio", by legal definition, and by most insurance companies regulations, is "entertainment equipment." Just like a

TV or a stereo. Check your home owner's or renter's policy if you're not sure your radio, etc., are covered, or give your insurance agent a call. If necessary, have a "rider" attached to your insurance policy covering your Amateur radio gear. You might also contact the ARRL for their insurance plan information. 73, Skip, N4FSZ.

New Members

R2317 KB1AF Wendy Kincaid P O Box 1435
Provincetown MA 02657 (Barnstable)
R2318 N8LMB Seth Hirschfeld 3948 W. Meadow Lane
Cleveland OH 44122 (Cuyahoga)
R2319 N02K Bo Lysell P O Box 88 North Cohocton
NY 14868 (Steuben)
R2320 KA1JPR Percy Ford RR 1 Box 1268 Kennebunk-
port ME 04046 (York)
R2321 NN6U Dick Emrich 14706 Fox- glove Dr Chino
CA 91709 (San Bernardino)

Communications Act Changes

The FCC Authorization Act (signed Oct 1, 1990) has an item of interest - work begun by Senator Barry Goldwater, K7UGA, (and others) changes the act to include a provision against willful or malicious interference to any radio communications of any station licensed or authorized under the act. (Until now, such transgressions were violations of FCC rules, rather than of Federal statutes.) Already the FCC is cracking down on amateurs creating willful interference on 20 meters. This should put more teeth into their efforts.

Members Speak!

KD7G, Gene -- Irene, N7CDD and I returned home from our trip (8,600 miles) about the 10th of August after a very enjoyable trip east and back, which included the National where we enjoyed meeting many of you.

The reason I am writing this is to explain why I have not returned your MRC's. To make a long story short we have had two very close relatives pass away recently. One required my help, as she had no children. This is the reason I have not been on net, running counties for a couple of months, or returning MRC's. I will try to get them back to you as soon as possible. I have not forgotten you as I have been very busy and my Aunt had to come first. I know you are caring people, as I have met many of you and I thank you for being patient.

W2CUE, Alex -- How can you get through to a RTTY (or one of its hybrids) operator with ordinary CW? It is not unusual for one of these stations to chirp away

FOURTH TIME AROUND ANNOUNCEMENT

The B&B Shop is pleased to announce
the following winner of the

IV AWARD

The Fourth Time Award # 8
is awarded to

WDX9DCJ
Lorraine Bachmann
December 15, 1990

Endorsed: MIXED BANDS, ALL SSB

on the(CW) net frequency for half an hour at a time. If they do identify themselves it no longer is in CW. Sometimes one gets the impression this is deliberate QRM equivalent to that produced ...on SSB. Would sure appreciate any help--some of these stations run 10 over 9.

ND1H, Bob -- I would like all net controls and mobile assistance with completing a year long almanac summarizing the 20 meter net activities for one year. What I envision creating is a year long logbook. This would list by day what was run, when it was run, who ran it and who the net controls were.

Net controls, please send an extract of the nets activities to me. List who, what and when. I will compile a master list in chronological order. I cannot repay postage, so send in weekly or monthly reports.

Mobiles, send in what you ran, when the county was run, how many stations were contacted and who the net controls were.

This information can be sent in one of three ways. Via the mail to - 1203 Shakespeare Rd, Grand Forks, ND 58203; if you are packet capable, I can receive messages as ND1H@WD0FFQ; or pass the information to me over the air, off net frequency.

Some of the uses will be to identify who the mobiles are by number of contacts, and different counties run. Who the net controls are and how much time each logs as control of the masses. And how many of the counties are available in a single calendar year.

At the end of the year, all data will be compiled into a single product. If a publisher can be found at a reasonable price, it will be offered to the general public.

This idea is still in the development stages. The final product is subject to review and revision based only your inputs. I will make preliminary project reports to the Roadrunner.

WOUBT, Bud -- About ten years ago I was very active on the Net both as a mobile (hundreds of counties and over 10K QSO's) and Net Control. During the past three years I have taken a hiatus from Amateur Radio. Within the last few months I have returned to county hunting, still needing 250 for 1st Time. I am now only able to run 100 watts to a whip antenna on my apartment. During my absence the Net seems to have changed from being tightly controlled with the emphasis on putting out counties to a more open net with more one-on-one contacts being made and putting out counties for the benefit of everyone of lesser importance...only an opinion. I have no real complaint except to say that it is very frustrating to me to "lose" a contact to someone who "gains" a county for the 5 Band USACA, second time around. HEY FOLKS, how about taking the time to listen for me occasionally? No big deal really, I still have a few years left to me and plenty of time to spend on the net. The name of the game is patience. It feels good to be back.

KE6US, Eric -- As always, Mitch's (W4RKV) Net Operating Tips contains excellent advice from one of the best ops on the net. As he says, taking a list saves net time by forcing everyone to spread their calls out. Besides saving time, though, it also gives mobiles and QRP stations (yes, we're out there) a chance. When signals are marginal for these stations, there is no way they can slug it out with the stronger fixed stations when the mobile works one at a time. With a list, clever mobile and QRP ops wait for lulls and stuff their call in, often working the mobile with a 22(9) or 33(9) and WITHOUT a relay. This saves more valuable net time.

Incidentally, on SSB I often hear a mobile admonish everyone to "spread'em out." But the he or she works them one at a time! What incentive is there to spread'em out if he's only going to work the guy who ignores the plea?

I disagree with one item in Mitch's November column. He admits to using only suffixes when responding. Even when signals are good and you use phonetics this practice can cause confusion. There are too many stations on with similar sounding suffixes. On SSB there are several UF's and US's. I have lost 4 counties from one YL op who frequently uses suffixes only. For example, I put my call in (KE4US), then she comes back with what sounds to me like UF or UX. I think it is for someone else so I don't respond and she goes on to the next. Or KB6UF may respond thinking it was for him. Even though net time is valuable, I think we can find time to use full calls.

By the way, are any mobiles out there who use the one-at-a-time method (unless they are in motion) who would explain why they use this approach?

USA-CA Special Honor Roll

We congratulate the following County Hunters on their earning a place on the USA-CA Special Honor Roll, sponsored by CQ Magazine.

#683 KA0NVT 12-12-90; #684 KX8Z All SSB 12-15-90.

The following are corrections to last month's USA-CA listing: #677 is KA1LSD All 20M SSB 8-27-90; #679 is WU4S All SSB Mobiles 10-25-90.

Counties Needed To Finish USA-CA

N6PLQ--Bob, 707-664-8418 COLLECT weekends.

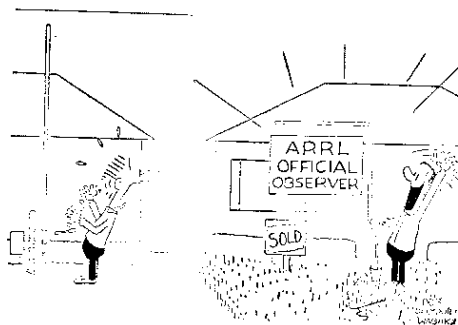
AR White GA Jones Taliaferro Upson IL Alexander Carroll Richland KY Lewis Lincoln Magoffin MI Ingham MN Kittson Roseau MS Walthall MT Fallon VA Amelia

W2CUK--Tom

ID Latah MO De Kalb Gentry MR Fallon Lake

W2FXA--Gene, 716-655-4162 COLLECT

ID Franklin (PLUS one more)



THE AWARDS BOARD

Bill Nash, W0OWY

6604 Hounds Run So., 36608

Mobile, Alabama

December 15, 1990

AWARD VOLUMES

During the past couple of months, a change in the character of the awards volume has appeared. We have been experiencing some level of awards processed for several months but beginning about the first of November that volume has steadily increased to the point of almost unbelievable. As I close out the books for the December processing month, I see that the total number of awards processed has reached almost 1100 and this is for about a five week period. The November period was about 600. Both months were far in excess of what the average has been for the past year or so. I have not had the time to analyze the volume at all but simply note in passing that a certain percentage of all awards are for old contacts. If the volume is temporary, then we will be able to handle it but if this volume is sustained, I question that current procedures and processes are adequate. Peaks in volume like that are a real killer. Don't save your awards. Please submit them as they happen which will help to level out the workload for me. The alternative would be to limit the age of contacts.

GUIDELINES

Certain procedures for award submissions are necessary in order for me to keep my sanity as well as keep the process moving. Things like using only a specific form, paying only by check and so forth. I want to assure those folks that I have returned award applications to that it is not personal. It is simply a request for assistance to help me. The amount of time that is spent each month on such administrative items is a burden on the complete process. Help me help you help others by following the guidelines.

- Mail application to the correct address.
- Send the correct amount of award fees.
- Use a check or money order - no cash.
- Use the correct form for applications.

NEW AWARDS

Well, it's time to reveal the new awards for the month. Doing it a second time is not totally uncommon but still it is a real accomplishment to be able to say "I worked all US counties a second time." During the past month, four people have joined the ranks of Second Timers. They are: **WB2ABD** on 11/26/90 got #101. **WA4NBC** got the #102 award on 11/28/90. On 12/15, two new 2nd time awards were processed for **N4EED** & **WA9PQY** who got #103 and #104 respectively.

One person joined the ranks of folks holding the DX Mobile award. **G4NXG** worked 100 DX Countries and earned award #67 and Plaque #17 for his efforts. **WA9PQY** submitted his Five Band Counties award for an upgrade to the #3 spot all on 20 meters, mixed modes. Carl holds basic certificate #6. A new holder of the Five Band Award is **K5CKQ**. Don got the #39 award endorsed as #33 for 20 Meters basic and #14 for 20 Meters All SSB.

The Jack Scroggins Memorial award is awarded for working holders of MARAC's Second Time award. During this past month, **AA4HD** upgraded his #59 award to the blue seal level by working 50 holders. **N9CHU** received the #88 award for working 75 second timers so his award goes with three seals. **WS9G** did it with 25 2nd Timers so he got #89 with red seal. A new Karl Adkins Net Control award has been issued to **K16YX** for working 200 hours as net control. With all the effort that Dave has been putting in on the 75 Meter Net, I bet we will see upgrades to this award soon. How about it Dave?

The Last County award, Category 2 is issued for giving someone the Last County in the US. It is a certificate for the last in that particular state and the MARAC Mobile Plaque for the last of all. During the past month, I have awarded 15 such awards to folks. The recipients are: **N0COL** from **N5AWE** for Clay, NC - 10/31. **KC0JG** from **N4EED** for Moniteau, MO - 12/4. **W0OWY** from **WDX9DCJ** for Stonewall, TX - 11/22.

W0UM from **NV4Z** for Fulton, AR - 10/22. **K5CKQ** from **W9DC** for Morton, KS - 12/11. **N8EMV** from **WA9PQY** for Alcona, MI - 11/25. **WB9NUL** from **WA9PQY** for Presidio, TX - 11/25. **W0UM** from **K9ZWH** for Ray, MO - 10/14. **W5ILR** from **KA0NVT** for Hood, TX - 11/13. **K16YX** from **K5RPC** for Yalobusha, MS - 9/29. **WD9GSU** from **W9MYX** for Marshall, MN - 6/16. **WA9QNI** from **KC5P** for Calhoun, TX - 11/13. **W2FXA** from **WB2ABD** for Meigs, OH - 10/29. **W3DYA** from **WB2ABD** for Lawrence, MS - 7/28. **W5ILR** from **KC0JG** for Sharkey, MS - 11/13.

The MARAC Last County award Category 3 is awarded for having received 25 Last County awards, Category 1 or 2. This award is issued at each 25 level increment. Initially the award is a certificate and the MARAC Mobile Plaque issued at the 25, 50 & 75 Last county levels. When a person reaches the 100 Last County Level, the MARAC Special Plaque is issued and subsequently, endorsement plates are added to this plaque as new levels are achieved. Winners of the LC-3 award this month include **N3DRO** for 100 LCs. Barb is the 44th to receive this at the 100 level. **N7AKT** became the 7th winner at the 300 level this month. **K7IOO** will be getting his first endorsement bar for the #24 award at the 125 level. As he keeps up his efforts, **KB7QO** has gone on to be the #1 winner at the 1125 level. Don't worry Ken - I don't think anyone is chasing you. Another new winner at the 100 level this month is **WD7X** who has received the #45 award. **K16YX** picked up two LC-3 awards this month. Dave has gotten the #80 award at the 50 level and the #41 award at the 75 level. **KA3DRO** also got a plate this month for being the 23rd at the 125 level. **KBSFU** got the #4 award at the 325 level this month. Also entering the realm of rarified air at the 150 level is Black Bart, **K5OUK** who did it by meandering thru 6 states and got the #19 award at that level. Another new holder entering the ranks of the high standings is **WA9QNI** who has received the #43 award at the 100 level. **N9DEH** got two LC-3s this month. Tim got the #14 at the 175 level and the #15 at the 200 level. Congrats to all for your many travels in earning these awards. Also this award must be applied for - it's not automatically sent. Hence, there may be lower numbers of awards at a level lower than the number of awards at a higher level.

Four folks took time to submit their working paper this month claiming the right to receive the M-50-M award. Those include **N0DRX**, **N7JB**, **N4TOG**, & **KA1OCL**. They have received the #271 thru 274 awards in that order all with Red and Blue seals. **N0DRX** also got the gold seal for having worked mobiles in all 50 states from his mobile station. Maybe the previous owner of that van you drive had a good effect on it Shel??

The Mobile Award, Category 1 is awarded for giving out contacts from multiple states. **K1BM** has upgraded his #903 award to the all seals level and is awarded the plaque for transmitting from 48 states. **N9DEH** has received an upgrade to the Blue seal level for upgrading his to the 35 state level - But this is special since all contacts on this particular award were to **K4CCW**. The Mobile Award, Category 2 is for working the same mobile in multiple states. Upgrades this month include **K4CCW** who upped his #927 to the Blue seal level. **N9DEH** also had an upgrade to his #976 to the Red seal level. Those folks getting new Mobile Cat 2 award this month include **K2HVN** for working **N3AHA** in 34 states. **N4EED** got his for working **KB7QO** in 50 states. **WA0SBR** got his for contacting **WS9G** in 15 states. **W1TEE** transmitted 25 states to **W2CUK** so they both got the award. **N3DRO** & **KB7QO** got the award for having contacted in 25 different states. **K16YX** got one for transmitting 15 states to **WS9G**. **N3AHA** & **K7IOO** each got one for working each other from 20 states. The Mobile Award, Cat. 3 is awarded for giving out multiple counties. **K1BM** & **AA4HD** upgraded their #904 and #882 awards this month. New winners category include **W1TEE**, **W2CUK** & **N3AHA**. The Cat. 4 award is awarded for working the same mobile in multiple

states. Winners this month include **KWØU**, **K2HVN**, **N4EED**, **N3DRO**, **KB7QO** and **K7IOO**.

A Mobile Achievement award, Cat. 1 was send to **KWØU** this month for working mobiles in all DE counties. The Mobile Achievement award, Cat 2 is issued for giving out contacts from all counties of a single state. Winners this month include **N4EED** for doing Tenn. as did **N4EWK**. **N3DRO** did Conn. and **N6OKX** did Colo. The Cat. 3 award is issued for working the same mobile in all counties of a state. **KWØU** worked **KC3YT** in all DE counties. **WB9STT** worked **WA7NNH** in all DE counties and also worked **K1NWE** in all MA counties.

The Union County Award is achieved by working all Union Counties. During the past month, **KAØNVT** has upgraded his to the all level. New winners at the ALL level this month include **NØDPF**, **NØDRX**, **WDØEAM**, **KWØU**, **WØWYX**, **KA2CNG**, and **N8HAM**. **KWØU** picked up four USA Counties awards this month. One with all seals for working all 6th call area counties, two for working 2/3 of the counties in the 2nd and 3rd call areas and another with all seals for working all 1st call area counties. **KF8HM** also received this award this month for working counties in the first call area. **K8CW** got two awards with all seals endorsed ALL USA COUNTIES this month. One was also endorsed ALL CW and the other was endorsed ALL SSB.

Working YLs can get you the MARAC YL Mobile award. **KWØU** got one this month for working YLs in 70 counties. **N4EED** contacted yls in 1000 counties so he gets the award with all seals and the YL Mobile Award Plaque. **KAIRIF** also got one this month for working YLs in 144 counties so his award goes with the red seal.

Just a quick look at the Last County standings and then on to other things. We do have new members (*) on the Honor Roll this month. Be sure to congratulate them when you hear them.

The **Honor Roll of Last County Award Holders** is those persons that have 100 or more Last County awards.

MARAC LAST COUNTY AWARD HONOR ROLL

Call	Last Counties	Call	Last Counties	Call	Last Counties	Call	Last Counties
KB7QO	1131	K4QFK	218	WØKMH	135	K16YX	115
K9DCJ	501	KAØHJR	196	WB3DWH	135	WA9QNI	114
W1TEE	442	WAØSBR	179	KD9Q	135	N3DRO	113
NØBHO	408	N2BL	173	W5ILR	135	WB4FBS	112
WB9RCY	365	WB6ALC	171	K1QPV	134	WØ7N	112
WB9TKR	354	W5AWT	169	N9CLZ	130	WA9PQY	112
KB5FU	351	K6HZI	169	K9GTQ	130	W7LQT	112
W1WLW	310	WB4FFV	167	KB4XK	128	W3XE	109
N7AKT	307	KFØLZ	160	WD4HVZ	125	K1VSJ	108
VE1RQ	250	K5OUK	159	KD8GL	124	KL7IAA	108
WB5YDH	245	KCØMB	158	WA1UVX	123	KJ4EJ	107
WØGWY	242	WB8SNO	154	K6SJ	122	N4ANV	106
W7GHT	242	LQT-WBZ	152	W3TUC	122	NFØX	105
K1NWE	240	WA7NNH	142	KC3YT	119	*WØ7X	104
WA3ZMY	231	KA3DRO	139	W7GVF	118	*N6ERM	101
N9DEH	230	KKØL	138	NØCKN	117	*AKBA	100
WA2TJL	222	K7IOO	138	K5VYT	116	*K2POF	100

COUNTY HUNTER ACTIVITIES

Mar. 8-9, 1991	Lake Texoma, Okla.	Southcentral Mini
WD5JGS	214-463-3231	
Mar. 9-10, 1991	Ten Meters CW Party	1991 QSO Party
N4FSZ	703-629-3582	
Mar. 16-17, 1991	Ten Meters SSB Party	1991 QSO Party
N4FSZ	703-629-3582	
Apr. 18-20, 1991	Holland, Mich.	Michigan Mini
N8EMV	616-227-3794	
Apr. 20-21, 1991	MARAC SSB	1991 SSB Contest
WA5DTK	407-777-3815	
May 4-5, 1991	MARAC CW Contest	1991 CW Contest
N6QA	619-278-3260	
July 10-14, 1991	St. Paul, Minnesota	MARAC National
WAØLKL	612-888-3822	
Aug. 16-17, 1991	Marysville, Wash.	Marysville Mini
WA7ETH	206-653-6739	
Sept. 20-21, 1991	Mt. Horeb, Wisc.	North Central Mini
K9DCJ	608-795-2672	
Nov. 7-9, 1991	Murfreesboro, Tenn.	Southeast Mini
KM4W	615-728-7379	

July 8-11, 1992 Hampton, Virg.
N4ANV 919-425-8003
 Sept. ,1992 Oshkosh, Wisc.
K9DAF 414-725-7374

MARAC National
 North Central Mini

Please send all address changes to me along with any new info that you hear about. I do mail a listing of updates and changes to both the Newsletter Editor and the MARAC secretary on the 15th of every month. This is in plenty of time for the address changes to be applied to the Newsletter mailing. So take note, send them to me and I will make sure that **KØAYO** gets them in time for the monthly newsletter mailing. This will save you having to do it twice or three times. Once is enough.

SPECIAL NEEDS

Those close to finishing up ask their special needs be listed. If you would like your needs listed send it in with date and phone number. By mail or phone, keep it updated.

WDX4KEF 11/24 803-457-2338 GA-Marion; MO-Schuyler.
KA3DRO 11/25 301-398-7074 KS-Doniphan, Graham, Greely, Mitchell, Morris, Osborne, Sheridan; MS-Claiborne, Leflore, Montgomery, Neoshoba, Oktibbeha, Tunica; CO-Alamosa, Gilpin, Jackson, San Miguel; MI-Keewena; WI-Burnett, Sawyer, Vilas.
K1BM 11/26 714-661-6248 GA-Clarke; HI-Hawaii; IN-Ohio; KY-Morgan; MS-Calhoun; MT-Daniels; NC-McDowell, Madison, Polk; ND-McIntosh; SD-Butte, Sanborn; TN-Carter, Unicoi, Union; VA-Westmoreland.
NØDRX 11/26 612-439-1272 AR-Bradley, Dallas, Grant, Sebastian, Woodruff, Yell; GA-Columbia, Long, Worth; IL-Cass, Henderson, Knox, Marshall, Stark, Warren; IN-Noble; KS-Atichson, Barber, Clay, Commanche, Hamilton, Jewell, Kearney, Mitchell, Nemaha, Pawnee, Rice; MI-Luce; MS-Humphreys, Marion, Tate, Washington; MO-Andrew, Bates, Grundy, Henry, Knox, Ray, Sullivan, Worth; MT-Pondera, Prairie; NC-Alexander, Polk; SD-Aurora, Lincoln, Potter; TX-Childress, King; WI-Brown, Crawford, Dodge, Iron, Juneau, Vilas.
W2CUE 11/28 803-272-8361 TO FINISH 2ND TIME.. ID-Latah; MO-Dekalb, Gentry; MT-Fallon-Lake. CW or SSB.
K7IOO 11/29 509-633-1738 AR-Green, Poinsett, Woodruff; KS-Lane; KY-Daviess, Fulton, Grayson, Lawrence, McLean; NC-Franklin, Washington; TX-Brown; VA-Richmond, Northumberland.
KF4FP 12/13 804-239-4896 GA-Habersham, Lumpkin, Wayne; MT-Pondera.
W2FXA 12/14 716-655-4162 ID-Franklin; NE-Pierce, Polk, Wheeler, TX-Parmer.
NA5F 12/14 214-519-0717 CO-Baca, Bent, Teller; HI-Hawaii; IL-Randolph; KS-Barton, Decatur, Grant, Greeley, Hamilton, Kearney, Lane, Rice, Scott, Stanton, Stevens, Wichita; MO-Linn, Pettis, Shelby, Vernon; MI-Shiawassee; NY-Warren, Wayne; NE-Adams, Fillmore, Franklin, Gage, Jefferson, Pierce, Webster; ND-Cavalier, Ramsey; OK-Cimarron; SC-Saluda; TX-Bailey, Cochran, Dawson, Hemphill, Wise.
ND1H 12/15 701-746-9498 GA-Atkinson, Lanier, Long, Pickens, Walker, Wilkes; MS-Cohamama, Humphreys, Issaquena, Kemper, Leake, Noxubee.

MEMBER NOTES

From Bob, **WD4NEG** comes the following note:

"I want to extend my apology to all the County Hunters who tried to contact me about my needed counties. My air and availability time has been very limited for several months prior to the death of my wife of 46 years. I am very grateful to Ham Radio and the many friends I have made in the County Hunters. I still need about 100 to finish and am looking forward to becoming active again. Forgive me and THANKS to all. Bob

WRAP UP

I would like to mention that the 20th Edition of the **COUNTY HUNTER HANDBOOK** is available. This is new and very different from previous editions. If you don't know what the handbook has grown into, take a look. It is now 204 pages of current info for and about County Hunters and County Hunting. \$6.75 sent via First Class Mail - US. \$7.75 for overseas mailing.

And that's all for this month. Let me hear from you with your activity this month. I hope you had a good month.

FLASH BULLETIN

FIVE BAND COUNTIES AWARD

James Curtis, N8HAM

#38 September 23, 1990

Endorsed: 20 Meters Basic, All SSB, #32

Members Speak!

K0BWN, Jim--I would like to thank all of the net members who sent cards and letters after my triple hearty bypass surgery. They were really appreciated. A special thanks to Hud, KF4BU from my home county (Okaloosa, FL) and Joyce, WB9NUL, in whose county (Cameron, TX) the surgery was performed. My recuperation is progressing very satisfactory and I am feeling stronger each day. This unexpected event in our lives has interrupted our travel and holiday plans and we will be sitting here in the Texas Rio Grande Valley until recuperation is complete. I might add, that this is an outstanding place to be "stuck in". I understand why Joyce and her husband moved down here. I will be back on the net soon and sometime in late winter or early spring we will be back on the road. 73's 88's and thanks again for all of the nets support.

K5XY--Recently I got my always welcome letter from the QSL bureau and quickly opened it. There were not many cards in it because new counties are coming rather rarely now. But there was a small group accompanied by a printed note. The note apologized for the slow return of a number of MRC's. A quick look through the cards showed that one of them was for a contact in Lenoir, NC. That card will never be old. It was one of my last 10 for them all.

The moral of this little tale is that no returned MRC is ever too old. Some of the contacts in that group of cards were up to 10 years old. Not many county hunters are as slow as I am in picking up new ones, but even the more energetic hunters often need cards for Bingo, certain modes, or other specializations, so send the MRC's back even if it is not by return mail.

Now requests for signed MRC's is a different story. I do not always send my requests in the month of the contact, especially if it is for a station which I hear

mobile all the time. But I have gotten requests for contacts more than five years old. I usually keep the current log pages by my desk; but if the QSO was more than two years old, I sometimes have to dig my old logs out of the archives and that takes a bit more time.

WA5INV, Alma--I address this to the mobiles who refuse to take a relay.

You have a right I suppose to do this, but I'd like to have some of you give your reason for not accepting a relay. Are you such an excellent operator that you think you can copy everyone direct? I realize I've not been an operator for nearly as long as some of you. But I have held a license since 1963. In those years I have been control's on different nets. I also have been mobile a good bit and there is no way that you can copy everyone. There are those with kilowatts and those with some what less. So the weaker ones can't compete with them for a chance. Sometimes the county is not heard run for some period of time. If you don't wish to use a relayed contact for your operation I can understand. At the same time we would like not to have to operate on your terms. I have missed a lot of counties in GA due to the mobile being contrary and not taking relays. These are hard for me being a close in state and a 2x2 to me would be far better than missing the county altogether. I've had others say this also. I now am needing 16 counties and 1 rework for the 2nd time around. and 23 for Bingo. So won't some of you please change your operation to help some of us needing these counties. I've never seen the reason that you fellows won't accept the relay. So will look forward to learning these facts. Looking and hoping for a new one, Alma.

Members Speak!

KOAYO Bob -- In response to an item in my Editorial regarding "First Class Mail"...I received a note stating that OVERSIZED 1st class mail will NOT be sorted and handled as such UNLESS the periphery of the envelope is printed with GREEN triangles. The Postoffice may AND DOES disregard "First Class" labels on OVERSIZED mail.. or 1st class postage TOO. I reviewed this matter with my local postmaster and was informed that this was very much in error. First, on our "oversize 1st class mail, we pay extra for 1 oz., mail (10c per P.O. rules) 2 oz and above oversize goes at published rates. Second, envelopes printed with green triangles MUST be mailed as 1st class or the P.O. will not accept. If anyone has anything different, please send me your postmasters name and address and my postmaster will correspond directly. Thanks for the note.

NA5F, Allen --I have found that some MRC's that have been sent to me have never been received. Particularly, I did not receive any cards which the bureau sent out on June 15, 1990. If anyone sent cards to the bureau for me in May or early June, they must be lost. I am 100% caught up on MRC's so any that have not come back must be lost. I try to be very prompt in getting them back. Please re-send any missing MRC's and I will get them back to you ASAP. I'm sorry but I can only return the ones that get here.
PS, need Hawaii, Hawaii, please call any time!

From The Secretary

If your mailing label indicates 9101 or 9102, it is time to renew. Dues with 1st class mailing of the Newsletter are \$13/yr. Dues with 3rd class mailing of the Newsletter are \$10/yr. Note that 3rd class mailing is available within the US only. Dues with the Newsletter mailed Air Mail to all continents other than North America is \$25/yr. Multiple year renewals and SASE's with renewals are also very much appreciated. Please make your check or money order payable to MARAC and mail to the Secretary, Vern Olson, WA0RJJ, 4024 NW 3rd St, Rochester, MN 55901.

MARAC INFO PACKET

Get the word out to potential new members and interested County Hunters that a County Hunting Information Packet is available. The Information Packet includes information about MARAC, QSLing, Net Operations, County Hunting supplies, etc. Send the request with a business size envelope with 25 cents postage to: MARAC, Box 64, Newport, MN 55055. Europeans can get the information Packet from Eddie, G4KHG.

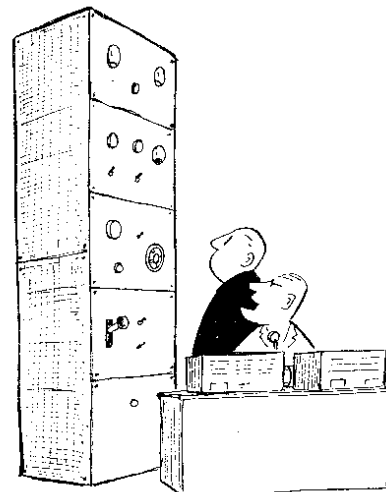
MARAC Financial Statement

Checking Acct 9-1-90	\$ 2,030.85
Income	4,832.50
Expenses	6,575.62
Checking Acct 9-31-90	\$ 287.73
Income	2,553.12
Expenses	1,241.84
Checking Acct 10-30-90	\$1,599.01
Savings Acct 9-1-90	\$ 8,895.88
Interest	174.14
Transfer from checking	4,500.00
Savings Acct 9-31-90	\$13,570.02
No Activity in October	
Savings Acct 10-30-90	\$13,570.02

Query?

W4BWR Ruth

7-13-90 1402z	W0LRH	???	MN	
7-14-90 1750z	K5OUK	???	NC	
7-17-90 1854z	WA4IMC	???	WV	
7-18-90 2006Z	???	Petroleum/Musselshell		MT
9-26-90 2040z	N8ELQ	???	MT	
9-29-90 1725z	KI6YX	???	MS	
10-4-90	KC0JC	???	MO	
10-10-90 1755z	WB9TKR	???	KY	
10-14-90 1634z	WB9NUL	???	AL	
10-18-90 1615z	WB9NUL	???	LA	
10-22-90 2221z	N7LYR	???	WV	
10-23-90 1703z	W6ENJ	???	MI	
10-23-90 2044z	W0KZZ	???	ND	
11-1-90 1446z	W1WLW	???	WV	
11-2-90 1941z	N9DEH	???	NC	



"... so I said to myself to heck with miniaturization ..."

FLASH BULLETIN

FIVE BAND COUNTIES AWARD

Don Hagler, K5CKQ

#39 November 26, 1990

Endorsed: 20 Meters Basic, All SSB, #33

20 Meters All, All SSB, #14

HF BEAM ANTENNA SALE!!

A complete HF 10-15-20 Meter Antenna System for sale at a great savings.

I have decided to not install a complete antenna system that I have purchased and would like to pass it along to a another ham with a good discount.

It consists of the following components:

-	TH7DX	Hi-Gain Tri Band Beam <u>Antenna</u>	\$630.
-	#303	T2X <u>Rotator</u>	420.
-	#130-1	HG54HD 54 foot Telescoping <u>Tower</u>	2350.
-	#229	LA-1 Lightning <u>Arrestor</u>	110.
-	#121-B	HG-TBT Tower Thrust <u>Bearing</u>	97.
-	#122	(3) HG-10A Co-ax <u>Arms</u>	81.
-	#117	HG-10 10 ft Heavy Duty <u>Mast</u>	100.
-	100 '	Beldon 9405 Rotator <u>Cable</u>	69.
-	100 '	Beldon RG-213U 52 Ω <u>Co-ax</u>	69.

I would like to sell the above system as a complete package at more than 15% off the H.R.O. prices which are the prices shown above as quoted to me this past week by Ham Radio Outlet.

Everything is complete except the base of the tower will have to be obtained from Hy-Gain or another base will have to be fabricated. This system has never been installed. The boxes are still unopened as received from the manufacturer. My loss - your Hy-Gain.

If interested, please call me at any time.

Bill, W0OWY (205) 343 - 2113



MARAC



THE MOBILE AMATEUR RADIO AWARDS CLUB, INC.

MARAC 1991 NATIONAL CONVENTION
ST. PAUL, MINNESOTA JULY 10 - 13, 1991

WAØLKL CONVENER

W9LHG TREASURER

WØNNH REGISTRATION
WAØSGJ REGISTRATION

WØKMH PRIZES

COME TO MINNESOTA -- JULY 10 - 13, 1991

It's time to make your plans to attend the 23rd annual MARAC National Convention in St. Paul, Minnesota, July 10 - 13, 1991. We are planning lots of great activities for the gents and the ladies. We already have over \$5000. worth of prizes purchased and ready to give away to several lucky county hunters.

Our convention hotel is the Holiday Inn East on I-94 on the east end of St. Paul, Minnesota. We will have over 3,000 square feet of hospitality space with five large suites and an adjacent lounge area.

Many of your fellow county hunters have already indicated their interest in attending by reserving a hotel room at the convention hotel. As you will see elsewhere in this issue, the sooner you reserve a room the better your chances of winning one of the six rooms for four nights we are giving away.

As of this writing the following county hunters have shown their intent to attend the convention by reserving a room: W2CUK, W2PDM, VE3OEE, KB3WN, W3XE, N4ANV, WB4CCT, K4QFK, KB4X, KN4Y, WD5AAH, KF5AT, KG5J, K5OUK, WA6VJP, K7AYC, KB7QO, N8BGF, N8C1J, WB8WXE, K9DCJ, WD9GBH, WD9HDR, WB9JSW, W9LHG, WA9PQY, NT9V, W9ZD, NØAKC, KØAYO, NØCOL, NØDRX, WØKMH, WAØLKL, WAØLMK, WØOWY, WAØRJJ, KØYPP.

Hope to see all here in the land of 10,000 lakes!

73, Don WAØLKL
1991 MARAC National
Convention Convener



COUNTY HUNTERS EMERGENCY PHONE LIST

October 1990

Provided by The B&B Shop

(Information extracted from the 1990 County Hunters Handbook, 20th Edition)

This information is provided to help you if you need to make a call to one of the various state police agencies. If you find any of these numbers to be changed, please obtain the new number and forward to The B&B Shop. Thank you..

ST CITY	PHONE	RECORDING	AGENCY	SERVICES
ALASKA	907-465-4300		STATE PATROL	EMER. SERVICE
ALABAMA	205-261-4378		STATE PATROL	EMER. SERVICES
ARKANSAS				
LITTLE ROCK	501-371-2155	501-371-2157	STATE POLICE	EMER. SERVICE
ARIZONA	602-223-2000		STATE POLICE	EMER. SERVICE
CALIFORNIA	916-445-2211		STATE PATROL	EMER. SERVICE
COLORADO	303-239-4502	303-239-4530	STATE PATROL	EMER. SERVICE
CONNECTICUT	203-566-4054		STATE PATROL	EMER. SERVICE
DIST. OF COLUMBIA	202-727-4435		CITY POLICE	ROAD / WX INFO
DELAWARE	302-734-5973		STATE PATROL	EMER. SERVICE
FLORIDA	904-488-6517		STATE PATROL	EMER. SERVICE
GEORGIA	404-656-6077		STATE PATROL	EMER. SERVICE
HAWAII	808-935-3311		COUNTY POLICE	EMER. SERVICE
IOWA	515-281-5824	800-525-5555	STATE PATROL	EMER. SERVICE
IDAHO	208-733-7210		STATE PATROL	EMER. SERVICE
WITHIN STATE	800-233-2121	STATE WIDE	STATE PATROL	EMER. SERVICE
ILLINOIS	618-542-2171	SOUTHERN	STATE PATROL	EMER. SERVICE
INDIANA	317-232-8248	HEADQUARTERS	STATE PATROL	EMER. SERVICE
KANSAS	913-296-3801		STATE PATROL	EMER. SERVICE
KENTUCKY	502-227-2221	800-222-5555	STATE PATROL	EMER. SERVICE
LOUISIANA	504-389-7501		STATE PATROL	EMER. SERVICE
MASSACHUSETTS	617-566-4500		STATE PATROL	EMER. SERVICE
MARYLAND	301-486-3101	800-525-5555	STATE PATROL	EMER. SERVICE
MAINE	207-289-2155	800-452-4664	STATE PATROL	EMER. SERVICE
MICHIGAN	517-332-2521	800-525-5555	STATE PATROL	EMER. SERVICE
MINNESOTA	612-296-6652		STATE PATROL	EMER. SERVICE
MISSOURI	314-751-3313		STATE PATROL	EMER. SERVICE
MISSISSIPPI	601-987-1212		STATE PATROL	EMER. SERVICE
MONTANA	406-444-7000	800-525-5555	STATE PATROL	EMER. SERVICE
NORTH CAROLINA	919-733-7952	800-662-7956	STATE PATROL	EMER. SERVICE
NORTH DAKOTA	701-224-2121	800-472-2686	STATE PATROL	EMER. SERVICE
NEBRASKA	402-471-4545	800-525-5555	STATE PATROL	EMER. SERVICE
NEW HAMPSHIRE	603-271-3636	800-525-5555	STATE PATROL	EMER. SERVICE
NEW JERSEY	609-882-2000		STATE PATROL	EMER. SERVICE
NEW MEXICO	505-827-9126		STATE PATROL	EMER. SERVICE
NEVADA	702-885-5300		STATE PATROL	EMER. SERVICE
NEW YORK	518-457-6811		STATE PATROL	EMER. SERVICE
OHIO	614-466-2990	800-525-5555	STATE PATROL	EMER. SERVICE
OKLAHOMA	405-424-4011		STATE PATROL	EMER. SERVICE
OREGON	503-378-3720		STATE PATROL	EMER. SERVICE
PENNSYLVANIA	717-783-5556	717-783-1864	STATE PATROL	EMER. SERVICE
RHODE ISLAND	401-647-3311		STATE PATROL	EMER. SERVICE
SOUTH CAROLINA	803-737-1030	803-737-6352	STATE PATROL	EMER. SERVICE
SOUTH DAKOTA	605-773-3536		STATE PATROL	EMER. SERVICE
TENNESSEE	615-741-2101		STATE PATROL	EMER. SERVICE
TEXAS	512-452-0331	800-525-5555	STATE PATROL	EMER. SERVICE
UTAH	801-965-4505		STATE PATROL	EMER. SERVICE
VIRGINIA	703-228-3131	800-552-9965	STATE PATROL	EMER. SERVICE
VERMONT	802-828-2104		STATE PATROL	EMER. SERVICE
WASHINGTON	206-753-6540		STATE PATROL	EMER. SERVICE
WISCONSIN	608-246-3228	608-246-3230	STATE PATROL	EMER. SERVICE
WEST VIRGINIA	304-348-3028		STATE PATROL	EMER. SERVICE
WYOMING	307-777-7244	800-442-9090	STATE PATROL	EMER. SERVICE

MARAC SOUTH CENTRAL DISTRICT MINI

ANNOUNCING: The 1991 South Central District Mini.

DATES: March 7th - 8th, 1991.

LOCATION: Lake Texoma Resort. Near the Texas Border on US Hwy 70.

DIRECTIONS: Hwy US 70 13 miles west of US 75 at Durant, OK.

ROOM RATE: All rooms \$39.00/Night + 5% Tax. A block of 60 rooms will be held until Feb. 6th. After this date rooms at the same rate as available.

RESERVATION Call toll free 1 + 800 - 654 - 8240 or write Lake Texoma Resort; Box 248; Kingston, Okla. 73439; Tel. (405) 564 - 2311.

ACTIVITIES: Gold Tourney Friday Morning. Chactow Indian Bingo Friday Evening.

PRIZES: All Prize Donations will be appreciated.

DINNER: Saturday Night Dinner pending. Buffet Style, \$15.00.

**REGIS-
TRATION** \$12.00 for OM/YL or \$9.00 single. Registration includes Name Tag, Group Photo and Prizes.

COMPLETE FORM BELOW AND SEND TO:

Jerry L. Weaver, WD5JGS
RR #1, Box 267
Denison, Texas 75020
Tel. (903) 463 - 3231.

1991 SOUTH CENTRAL MINI CONVENTION REGISTRATION FORM

NAME _____	CALL _____	USA-CA _____
SPOUSE _____	CALL _____	USA-CA _____
ADDRESS _____		
CITY _____	STATE _____	ZIP _____
REGISTRATION FEE _____		
BANQUET... _____ (#) AT \$15.00 _____		
TOTAL ENCLOSED _____		

(We need your registration so we know how many to plan space for. Please register.)

The County Line Roadrunner is a monthly publication of the Mobile Amateur Radio Awards Club, Inc. (MARAC). MARAC's stated purpose is to promote mobile amateur radio efficiency and portable operation; recognize and award outstanding accomplishments in amateur radio with emphasis on mobile operation, both phone and cw and to promote good will and fraternalism among amateurs. MARAC also serves as the communication and social arm of the county hunters. Current MARAC dues and membership information can be obtained by sending a business size envelope with postage for 1 ounce to MARAC; P O Box 64; Newport, Mn 55055 and request the Information Packet.

The officers are:

PRES - Don Strom, WA0LKL; 11241 Johnson Cr; Bloomington, Mn 55437. VP - Sheldon Mann, N0DRX; 1618 West Pine St; Stillwater MN 55082 SEC - Vern Olson, WA0RJJ; 4024 NW 3rd St; Rochester, Mn 55901. TRES - John Lyon, W9LHG; 2346 Dorothy Lane; White Bear Lake, Mn 55110.

The Directors are:

HQ - Mary Mann N0DXH 1618 Pine St. Stillwater, MN. Bob Hanson, W0KMH, 9 Hillside Ct; Northfield, MN 55057 Jerry Koon, W0NNH; 8326 Grenadier Av So., Cottage Grove MN 55016 PACIFIC - Ken Wosika, KB7QO; 3413 Mary Ann Av., Las Vegas, Nv 89101. NORTHEAST - Kathleen Nace, N0EYK, RR #1 Candlewood Hill Rd., Frankestown, NH 03043.. GREAT LAKES - John Sebastian N8BGF 758 Southwind Dr. Fairfield, OH 45014. NORTH CENTRAL - Carl Durnavich, WA9PQY, 427 Calumet Blvd., Harvey IL 60426. SOUTHEAST - Bill Bell, KM4W; 1202 Hillcrest Dr. Manchester, Tn 37355. SOUTH CENTRAL - Buster Boatman, N0CKC, 8973 W. Harvard Dr. Lakewood Co. 80227

Other members of the Board include;

IMMEDIATE PAST PRESIDENT - Jim Whitaker, WB0TVL; 3019 O'Henry Rd. Minneapolis, Mn 55429. NEWSLETTER EDITOR - Bob Dyson, K0AYO; 8943 So. Overhill Circle De Soto, Ks 66018. AWARDS CUSTODIAN - Bill Nash, W0OWY; 6604 Hounds Run So. Mobile, Al 36608. CONVENTION COORDINATOR - UNFILLED AS OF 9-1-90.

Other Information:

The Annual dues are \$13 per year with Newsletter sent via First Class Mail in the U.S. Addresses within the U.S. can join with Newsletter mailing via Third Class Mail for \$10 per year. DX News- letters (non-North America) are sent via Air Mail for \$25 per year. Send all membership dues and address change notifications to the Secretary, Vern Olson, WA0RJJ.

MOBILE QSL BUREAU: P O Box 6436 Florence, SC 29501. USA-CA CUSTODIAN: Dorothy Johnson, WB9RCY; 333 S. Lincoln Ave. Mundelein Il 60060. The B&B SHOP; P. O. Box 850652; Mobile, Al 36685.

Articles and items to be included in the Newsletter must be in the Newsletter Editor's hands prior to the 20th of the month preceeding publication. Time bounded material received after that date may not be included in the next issue at the discretion of the editor.

MARAC is Incorporated in the State of Kansas as a Not-For-Profit corporation. The Resident Agent is J. S. Skaptason, 3905 West 120th Terr., Leawood, Ks. 66209.

DISCLAIMER

Opinions expressed in articles and letters are those of the author, and may not reflect those of the County Line Roadrunner or of MARAC, Inc.

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MARAC



THE MOBILE AMATEUR RADIO AWARDS CLUB, INC.

MARAC 1991 NATIONAL CONVENTION
ST. PAUL, MINNESOTA JULY 10 - 13, 1991

WAØLKL CONVENER

W9LHG TREASURER

WØNNH REGISTRATION

WAØSGJ REGISTRATION

WØKMH PRIZES

The 1991 MARAC National Convention (July 10 - July 13, 1991) has moved down the road to the Holiday Inn East on I-94 in St. Paul, Minnesota. As an incentive to get your hotel reservations in early, we are pleased to announce that six hotel rooms for four nights will be given away at the convention. Tickets to win these rooms will be allocated as follows:

Reserve a room by 1-1-91 = 4 tickets
Reserve a room by 4-1-91 = 3 tickets
Reserve a room by 6-15-91 = 2 tickets
Reserve a room by 7-10-91 = 1 ticket

The rate is \$54.00 per night for up to four people. Get your hotel reservations in early! We plan plenty of great activities including a Riverboat ride down the Mighty Mississippi!

Come and meet all of your fellow county hunters and life long friends in the land of 10,000 lakes.

73, Don, WAØLKL
1991 MARAC National Convention
Convener

HOLIDAY INN EAST
2201 BURNS AVENUE
ST. PAUL, MINNESOTA
612-731-2220

A SPECIAL RESERVATION REQUEST has been made in the name of the

MARAC - \$54/night

GROUP ORGANIZATION NAME

Please reserve accommodations from that blanket reservation as follows:

Name(s) _____

Address _____

City _____ State _____ Zip _____

Area Code & Phone _____

Nbr. Rooms & Bed	Nbr. Rooms & Bed	Other	Arrl Date	Arrl Time	Nbr Nts	Nbr in Pky

Type Reservation ☐ S.P.M. ☐ Guaranteed

Guaranteed By _____

Credit Card Nbr _____

Please Return This Reservation By: _____

