

COUNTY LINE ROADRUNNER

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A Publication of the Mobile Amateur Radio Awards Club, Inc.

An ARRL Affiliated Club

SSB Net 14.336 CW Net 14.056.5

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Jul 1, 1992

Net Operating Tips By Mitch, W4RKV

When the SSB net is in session and a mobile list is being used, a new mobile check-in should always be placed at the **BOTTOM** of the list (3.12.3). Why? Because the mobiles already on the list have been patiently (?) waiting their turn to run and it is not fair to them to slip a late arrival in ahead of them. The bottom of the list means the new check-in will not be called until all the mobiles previously listed have had an opportunity to run (perhaps for the second or subsequent times.) Some folks may argue that, since some or all of the listed mobiles have already had a chance to run, the newcomer should be run ahead of them. But if anyone is to be inconvenienced by having to wait, should it be those who have **ALREADY** been waiting or the late arrival? Incidentally, when a mobile with an unfamiliar call checks in I usually ask if he has run counties on the net before, if not, I briefly explain that he will go at the end of the list and try to give some rough estimate of how long it might be before he is called.

For CW Ops By W0HKF

In the beginning automobile horns were conceived as and used as warning devices. No longer. Except in the most dire emergency, automobile horns are used now solely to indicate anger or frustration. Another thing that may have escaped your attention—it's becoming increasingly rare to be held up by a passing funeral on the road nowadays. It's not that fewer people are dying but rather that more are being cremated. The number of persons being cremated is edging toward 27% nationwide while in parts of CA (where else?) that figure is already far exceeded. For instance super-rich Marin County just north of San Francisco cremates 75% of its dead.

Ed, WA6VJP, our redoubtable NCS of the CW net, gets to work a lot of counties. On May 19th, he contacted Joyce, KD8HB/M (another hard-working county hunter!) in

Petroleum, MT to work all US counties the 4th time around. He now claims to be the first ever to work all counties on CW for the 1st, 2nd, 3rd, and 4th times. Any contenders?

County Of The Month: San Bernardino Co., CA., the largest in the US, 20,131 square miles—2/3 the size of the state of ME. The northwest corner of the county consists largely of the vast Mohave Desert while the rest is mountains. Although no new county has been formed in the state since 1906, there is now a concerted effort being made to form a new county to be called Mohave County out of the northwest portion, which is known as the "High Desert". In any event, there won't be a new county you'll have to work at least until June, 1994, the earliest date that the initiative can be placed on the ballot.



FOURTH TIME AROUND ANNOUNCEMENT

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

**IV
AWARD**

The Fourth Time Award # 18
is awarded to

WA6VJP
EDWARD A. SANDERS

MAY 20, 1992

Endorsed: ALL TWENTY METERS
ALL CW

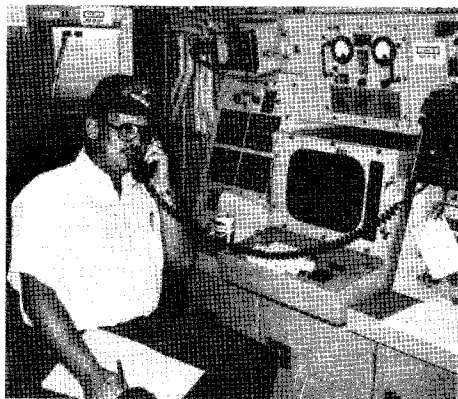
Name That CH'er

By Duane, WV2B

Here is this month's County Hunter in the radio room on board the USS Wasp. This is fitting as many of his radio interests involve providing communications for those in the military. He is involved in ARES, RACES, and MARS. He especially enjoys providing phone patches for those on Navy ships. He was also able to make the first contact with troops in Saudi Arabia before Desert Storm.

He has been involved in County Hunting since 1988, when his father got him interested by letting him work Kalawao, HI for his first county contact. Now he is working on his second time around and BINGO. He can often be heard putting out counties along with his XYL.

He works for a power company as an electronics technician to help provide a living for his wife and daughter. In his spare time he enjoys swimming and flying. He has had his amateur license since 1973. He was inquisitive about the radio equipment his father had stored in the closet. His father said he had to get a license to operate the equipment, so he did!



He especially enjoys the 3M mini in TN, and the camaraderie among the county hunters. He says they are the most tight-knit group in ham radio today.

Do you recognize this county hunter? If not, see next month's article for his identity.



**W6NNV Named DX'er of the
Year By CA DX Club**
(Photo by W6ISQ)

Address Changes, New Zip Codes, Etc.

R2397 WD9HSE 2131 Jackson St Alpine, CA 91901 Mail
returned as NO SUCH ADDRESS
R1529 Box 193 9901 SE Hwy 314 Silver Springs FL 34488
R565 1213 Sunny View Dr Sioux Falls SD 57103-3714
R773 200 South Bradley El Dorado AR 71730
R2469 WD3P New Zip Code 20772-8245
R292 K4ELK New Zip Code 34420-5228
R2478 KM6QF New Zip Code 91436-3812
R2112 KA0NVT 11667 Hwy 26 Box 65 Kinnear WY 82516
R2213 KA1NJW 252 Providence St West Warwick RI 02843-
2016
R1512 10 Cary Rd Mechansville NY 12118-3406
R226 WA4ESS P O Box 1523 Ft Pierce FL 15701-2593
C 62 WB4FBS 10011 Astronaut St San Antonio TX 78217
R1098 N2DFC 591 Glenmary Dr Owego NY 13827 (Tioga)
R1333 K8OHC 551 Sherman St Allegan MI 49010-1452
(Allegan)

New Members

Welcome to the following New Members of MARAC!

R2498 N2PUL Jim King 2 Stanton Ave Bordentown NJ 08505
(Burlington)
R2499 N4MYZ Alice Ginsburg 20601 Bryant St Canoga Park
CA 91306 (LA)
R2500 KE0UQ Roy Crosier 6225 Sewell Ave Kansas City KS
66104 (Wyandot)
R2501 WA0YXK Alvin Wiechman 304 S 11th St Salina KS
67401 (Saline)

Minutes of the MARAC June Meeting

The June MARAC meeting was held on June 13, 1992
at the Holiday Inn East, St Paul, MN. President Don,
WA0LKL called the meeting to order at 9AM. Also in
attendance were: W0KMH, W9LHG, W0NNH, WA0RJJ,
KW0U, N0DXH and N0DRX.

Motion was made by Vern, WA0RJJ, to accept the
Secretary minutes of the last MARAC meeting held on May
2nd, seconded by John, W9LHG, motion carried.

W9LHG presented the Treasurer's Report. Motion to
accept the Treasurer's Report was made by Jerry, W0NNH,
seconded by WA0RJJ, motion carried.

Discussion was held regarding validity of contacts made
with a mobile who's license to operate in the General Band
segment has been questioned. With the present system of testing
and upgrading of amateur radio licenses, it is very possible for
someone to upgrade their license long before it gets into the
official FCC records. The MARAC Awards Custodian may
request information to verify validity of the license of any
station.

The subject of liability for MARAC equipment was
discussed. N0DRX moved and W0NNH seconded, that no
MARAC member should be held personally liable for loss,
damage or maintenance expenses to MARAC equipment,
providing prudence is exercised in safeguarding that equipment.
Motion carried. N0DRX moved and W0NNH seconded, that
the Secretary pursue the possibility of obtaining insurance on
this equipment through the ARRL affiliation insurance program
and if deemed proper, to acquire that insurance. Motion
carried.

The next MARAC meetings are scheduled for July 11,
1992 at the National Convention in Hampton, VA and August

8, 1992 at the Holiday Inn East in St. Paul, MN.

Motion to adjourn was made by W9LHG, seconded by Richard, KWOU, motion carried.

Respectfully submitted, Shel Mann, N0DRX, Secretary

Northwind Notes

By Shel, N0DRX

Comments on the county hunting nets continue to arise, as to jurisdiction of those nets and proper operation on them. I wish to point out again, that MARAC DOES NOT CONTROL THE COUNTY HUNTING NETS. The person who volunteers his or her time and efforts as Net Control, is the person, who controls the net. It is normally expected, that the Net Control Station will operate in a manner that is normally accepted by other stations on the net.

Every person who picks up Net Control has their own idiosyncrasies, when it comes to running the net. In most cases, there is not a great deal of difference when control of the net passes from one station to the next. There are almost always minor differences. Most of us make mental notes, as to how many of our more frequent mobile stations operate. We can make operating the net easier if we make an effort to learn the idiosyncrasies of at least the more frequent Net Control Stations.

On June 13th, I noted that there was a lengthy list of mobiles on 14.336MHz. Clyde, KA0NVT, was operating a secondary frequency. Most of us must have rig problems and have our dials rusted onto 14.336MHz, as Clyde had to make many requests for a mobile to come to the alternate frequency. Mobile runs off net frequency are normally shorter than they would be, if they were run on net. When someone sets up a secondary frequency, let's support it. You will be missing some good counties, if you don't get some of that rust off the tuning knob. As we are now into the Summer Vacation and Convention Season, alternate frequencies become even more important.

For our newer county hunters and those of us who tend to forget, I wish to mention, that during the time people are on the road to and from all of the MARAC Conventions, the other bands come alive with county hunter activity. There will certainly be activity on or around 7.238MHz. Also keep 21.336MHz and 28.336MHz in mind.

Silent Key

Word has been received from the family of the recent death of W6SJA, Larry DeMattei. Our sympathy to the family.

MARAC Financial Report

Checking Acc't as of May 1, 1992	\$ 742.17
Income	2,480.45
Expenses	1,510.42
Checking Acc't as of May 31, 1992	\$1,712.20
Savings Acc't as of May 1, 1992	\$10,995.14
No Activity This Month	

Northwest Marysville Mini

The Northwest Marysville Mini will be held this year on August 14 and 15 at Jennings Park in Marysville Washington. This is an opportunity to take part in an old fashioned hamfest with no registration fees, no fancy digs, a Saturday potluck, unbelievable fellowship and great times. A tour of the Naval Radio Station is planned, license upgrade testing, and an opportunity to see CHUBS, the new County Hunting software in action. Limited RV parking available so contact Ed, WA7ETH, if you need RV parking. He can be reached at 206-653-6793. Leave a message and he will return the call. Lodging can be arranged at the Village Motor Inn at the freeway exit to Marysville, 206-659-0005.

It's Mary BO-BO Time

All county hunters who plan to attend the Murfreesboro, TN Mini this November, should definitely make plans to attend the annual Mary BO-BO's Boarding House dinner Friday November 6, at Lynchburg.

This year the cost of the scrumptious meal is \$9.75 per person. If you want to reserve one or two of the 66 seats available, you must send me a CHECK or MONEY ORDER before Saturday, Oct 17, 1992. If the reservation is not paid for by that date I will release it for someone else.

If you are interested please contact WD9GBH on 14.336, by letter to RR # 1, Box 139B Silver Lake IN 46982, or call 219-566-2739.

Again, the cost is \$9.75 per person and payable by check or money order to HERB MORGAN, IN ADVANCE. IF YOU WISH TO PAY EARLIER I WILL BE AT THE VIRGINIA CONVENTION.

Hope to see you at the MINI and at MARY BO-BO'S.

FOURTH TIME AROUND ANNOUNCEMENT

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

IV AWARD

The Fourth Time Award # 19
is awarded to

N9DEH
TIM McLAUGHLIN

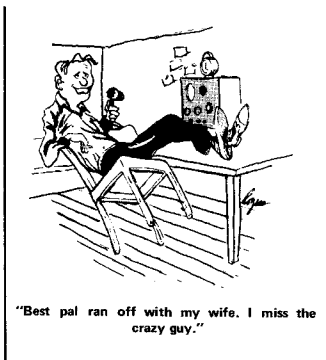
JUNE 10, 1992

Endorsed: ALL MOBILES
MIXED BANDS

USA-CA Special Honor Roll

We congratulate the following County Hunters who
have earned a place on the USA-CA SPECIAL HONOR ROLL,
sponsored by **CQ Magazine**.

I6FLD #766 All SSB 5-21-92; WB4CCT #767 5-29-
92; WM9F #768 All SSB Mobile 6-5-92; N7POK #769 All
CW 6-11-92



Counties For Special Needs

N6OQZ, To Finish States, No special trips

GA Wayne Wilkes IL Saline IN Switzerland Washington
IA Davis KS Lane Stanton KY Garrard Monroe Oldham
Taylor MS Choctaw Humphreys Madison MO Grundy NC
Yancy ND Bottineau Hettinger PA Delaware
Northumberland TN Decatur Humphreys Johnson Perry

NX5Z, Sam To Finish States

AL Lauderdale Lowndes FL Okeechobee GA Heard
Newton Wilkinson ID Lincoln IN Pike Warrick MN
Faribault Mille Lacs NC Madison Person ND Towner OR
Wheeler SD Custer Fall River Gregory Haakon WA Ferry
WI Chippewa Dunn St Croix

KA1CLV Barry, To Finish States CW Only 508-897-9835(WK)
508-440-3183

CO Cheyenne MT Flathead Lincoln Mineral NE Adams
Arthur Frontier Gosper Grant Nuckolls Otoe Phelps
Saunders OK Beaver Kingfisher Stephens Texas TX
Atacosa Collingsworth Garza Lipscomb Presidio

N0DRX, Shel To Finish States 612-439-1272

MO Bates Grundy Henry MT Prairie NE Clay Cuming
Washington Wayne Garfield Hooker Loop McPherson ND
Burke Dunn Emmons Logan McIntosh McLean Nelson
Oliver Ramsey Rolette Towner

K6PQA, To Finish States

NC Allegany Graham Greene Moore ND Dickey La
Moire Logan Pierce Rolette Towner VA Amelia King
William Page Powhatan WI Burnett Taylor

WU4S, Stu To Finish States

CO Teller FL Clay Hardee Union GA Marion Schley
KY Taylor Wayne MN Wabasha MS Copiah Holmes MO
Moniteau MT Hill ND McLean Wells OH Fulton Gallia
Pickaway PA Delaware Fayette SD Haakon WV Mercer

Members Speak!

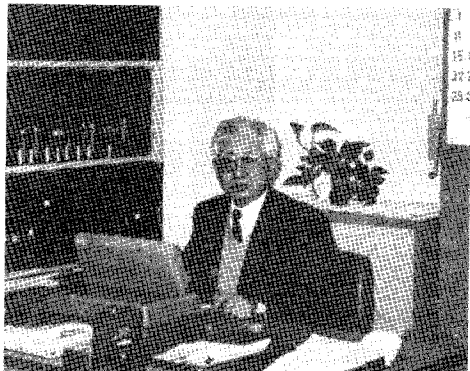
K6HZI, Fr. Terry--In the last two issues of the **Roadrunner**, members have expressed concern about the low number of confirmations requested for a given "run". I think the answer is that MOST awards don't require confirmations. There are many hunters working on such awards.

WA2CNJ, Ray--A note to express my pride in MARAC and the conduct of the Net in general. Tonight a couple of 10 over 9 stations parked themselves less than 2 kc away from the net and refused to move after being asked politely. NO ONE (that I could hear) made rude comments or "jammed" those two guys, even though they carried on for over 20 minutes. That's just plain poor operating on their part and proper restraint on our members part to carry on and ignored them. Seems like we're practicing what we preach!

N5DKW, Art--The proper care and feeding of mobile CW ops. 1. Be very responsive to their requirements. If they ask the net to QRS to 10 wpm - that's what he means, not widely spaced 20 wpm characters. 2. If he wants only relays then QSP to him, if you don't want to work QSP then wait for the county to come around again. 3. Insure that someone picks up on that first call. Don't wait for someone else to do it. Remember, even NCS have to go to the bathroom or coffee pot occasionally. 4. I notice WA6VJP seldom asks for a QNG anymore. He has asked and asked for anyone to take the net, with (again) dead silence. But make the net QNF and listen to the chatter. A mobile can't hardly check in, ever hear of QSK? 5. We might do our best to keep the freq clear when we have no NCS. NO we don't have to have 5 khz of clear freq in a relative QRM free area. 6. You know there are probably 25 or more fixed stations on freq any given time. There should never be a time when the net goes uncontrolled. I bet that if all the mobiles went QRT when no one helps out it wouldn't be long before we

had plenty of volunteers to help out BUT considering the old 10% rule, I bet we could come up with some sort of NCS structure to insure OUR net is completely functional and a net that a mobile enjoys coming to.

JH8GWW, Yaz--



I am very happy to say that I will be back to my home QTH of SAPPORO around the middle of June and I want to QRV again on the net as soon as possible. I could not QRV for 3 and 1/2 years because of my busy business and location. Now, I have confirmed 2,679 counties. My dream is that when I finish ALL Counties, I want to visit the US and see my MARAC friends. I would appreciate it very much if you could help me through the program, when you hear me on the net. My working conditions is TS 950S, 100 Watts, PEP and 5 element monobander beam about 20 meters high. Good location toward state side.

From Wisconsin Highway Patrol to WU4S, Stu--I want to thank you for contacting our office to alert us of information you had received regarding road conditions during a early spring snow storm on March 21. The information you and other Ham Radio operators provided that day was invaluable to our communications center. As you can well imagine, the road and weather conditions were extremely bad that day. Please accept the enclosed CERTIFICATE OF APPRECIATION as a token of our gratitude for your assistance. Your efforts in providing us with information you received regarding the road and weather conditions and stranded motorists assisted us during as very trying, difficult day. Thank you, Mr Johnson, for your efforts.

KBIGN, Mike--My fellow county hunters, please accept my apologies for sending out so many old MRC's I had gotten quite far behind due to my fathers illness and after he passed away in Jan. I had to attend to all his affairs. I did have a large batch set to go to the bureau around Thanksgiving but someone (none of my kids admit to it) spilled a whole gallon of paint on my desk and ruined the n-entire batch. Some were even unreadable. Trying to recreate those missing MRC's from my

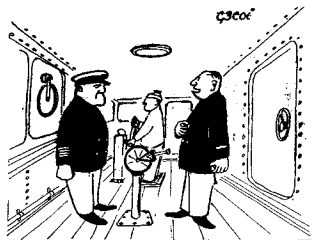
logbook seemed to be going too slow so I got a copy of VE1AFT's computer program which made the job much easier. It took me a couple of weeks to get the program to run right on my machine but once I got the program down, I got the logs entered in about 3 weeks of typing almost every night. I had to do it with the radio off because it was too confusing hearing a mobile on the air and trying to type someone else's call sign. I still do not have the right size cards so I had to hand write all the missing cards. I think I recovered most of them. FYI: I plan to go out to Dukes again this year with my son's Scout Troop on Columbus Day weekend. I will have all bands and even CW (as rusty as it is). Again, my apologies for the late cards. Thanks for your help.

WOUBT, Bud--Another mistake I must confess too. At my age, mistakes are becoming a favorite hobby, so it seems. On June 6, I went on a special trip to give Grant County MN to K4JNN. During the trip I put out a total of 8 counties and a total of 151 contacts were made. It was a fun trip. On all previous trips, my logging was done manually. On this latest trip I opted to try a new method, to use a mini cassette recorder. Because of some confusion on the net, just prior to actually making a run, I forgot to turn on my recorder. I must have made at least a dozen contacts, what a pity. The county was Kandiyohi, and my sign out time was 2057Z, June 6, 1992. The NCS was N7OTR, the assistant was KAONVT. Their contacts are OK as I had written them down on a notepad. As for all the other contacts...they went down the old tube. As for all the other counties and or contacts I made during my trip, I salvaged them all...no problem. To make amends to all of you CH types. On July 12, this year, I am going to make a special trip into Kandiyohi County to put it out for the NET. Hopefully, I will be able to work everyone whose original contact went down the tube. My apologies to all of you for any inconvenience my act of stupidity has caused you. Sincerely and 73, Bud.

K9UGX, Jim--The following came over my computer via the local cable TV distribution and Xchange out of Golden CO. The AP needs to find out about KB7QO and the other County Hunters...Copyright 1992 The Associated Press 5/30/92 Man Visits All U.S. Counties HARTLAND, Mich. (AP) With one small step on Saturday, Ken Wilson ended a 40 year odyssey that has taken him into all of the nation's 3,129 counties. Dozens of welcomers were on hand to greet him as he emerged from his car and walked across the Oakland-Livingston county line. to attend a banquet with local dignitaries, family members and friends from around the country. Wilson, of Georgetown, S.C., began his quest in 1951 when friends said it would be fun to visit all 48 states. He decided to go one better and stop in all 3,095 counties. When Alaska and Hawaii joined the union, he added their counties to his travel log. He was most impressed with the scenery and people of Alaska, he said. Wilson said he's considering writing a book about his travels, but that doesn't mean his wandering days are over. He and his wife have a new goal: reaching all seven continents.

N3DRO, Barb--I just finished my second time around, MY WAY. Let me explain; A lot of people on their second time around, wanted to work the counties differently than the first. (To challenge themselves I suppose). I really did it differently! I decided to put all the mobiles I could think of in a bowl, then I proceeded to draw out 75 operators, that's what I started with anyway. Now I couldn't add any new ones, but I could take off, so I reworked a few and got it down to a total of 71. I have now worked all 3076 counties with those 71 operators. Do you know how many nails were bitten off and how much anxiety I had when someone that wasn't on that list went through a county I needed? It was very hard not to say the heck with it and work them anyway? It's taken me about 3 years but I've finally done it. I want to thank all these hams very much, but a few of them get a VERY SPECIAL thanks, because they really went out of their way to help me finish MY WAY! Well, that's my story, if ya have any questions I'll be happy to answer them and HAPPY COUNTY HUNTING!!!!

WB9NUL, Joyce--Just sent in my log to Barry, WA5DTK, for the SSB CH's Contest. I've enjoyed running this contest mobile for several years and decided to give the designated driver a year off. Talk about a new challenge! What fun having to chase mobiles. I've never worked so many counties in a two day period before! And what a relaxing contest. Because the band was so crowded with the typical weekend crowds and nets, everyone who was working the contest shared their frequencies with the mobiles. KF9FU and KM8U would give their frequency to a mobile and let them run for as long as they wanted, and then when the mobile was done would start calling CQ again, only to give it up to the next mobile. County Hunting and Contesting at its BEST.



"Skipper... would you mind turning the ship through ninety degrees so's I can get a major lobe on an AC4P"

Dear Joyce and Barry :

Thanks for heading up the Ten Meter CW and SSB County Hunters QSO Parties. This was my first time and I enjoyed being part of the party. I elected to go mobile and put out some hi counties I was some what disapointed in band conditions but I didnt give up . My wife had to work so me and the dog went alone the only problem was she could'nt drive which would have been a big help. I am some what new at mobile CW it would have helped alot to have a driver maybe next year. I called Bill K7100 after the contest and thanked him for all the Counties he gave me and found out how poorly I had done compared to his score. I will have to say Bill done and excelent job cheering me up he said Bud did you have a good time and my reply was yes and he said thats what its all about not the big score. After thinking awhile about our conversation I now see what county hunting is all about not just all the contacts but just having a good time with friends

Comments: Lot of fun and a new experience for me ..KAZKRA/M Picked up a couple of new counties. Poor conditions..ZLZASM CW conditions better the 2nd day. Great effort by the mobiles..K8CW Experience was great. W3DYA, KN4Y, N08Q AA4HD, K04DN, WA9QNI (all mobiles) were putting on clinics on how to run counties in a foreign language --CW!!..K7100/m Quite rusty (CW) but I still enjoyed the QSO party-especially the relaxed pace!..KL7GN There should be parties like this for every band..WA2MUA Picked up 4 new counties. now 85 left!!SM5BHW Glad to have more mobile activity than in past years..W6NNV Contest was a blast. Finished all counties on Wednesday before the contest, so while I waited for cards to come in I gave this my all. Worked all Hawaii counties but one and most of Texas!..K2NJ How many magnets does it take to hold a temporary mobile antenna on the roof of your van? One more than you're using! Nice to see a cameo appearance by WB9NUL! (CW). It was a pretty lonely party (SSB). First CW contest since Novice Roundup in '84. Already looking forward to next year..AA4HD/m Not many mobiles heard. Most contacts Sunday were for Wisc. QSO party..WA9QNI Conditions were very poor..ZLZACP My first MARAC contest..wonderful. I got 15 new counties..JA9CWJ Very strange contest (CW), weather wet most of the trip, but still enjoyed it and look forward to next year..KN4Y/m First day slow (SSB), but band improved the second day. Had a great time! Not much activity heard from the "everyday" county hunters..N9AC Had a good time and am looking forward to the next one. You don't have to have a big score to come out a winner..N08Q

MARAC THIRD ANNUAL 1992 TEN METER QSO PARTY RESULTS

CATEGORY - CW MOBILE

K7IOO	WASHINGTON	56,169	KN4Y	GEORGIA	8,702
W3DYA	TEXAS	38,491	KO4DN	ALL / CW	6,324
W2EZ	NEW YORK	16,016	K6QWH	NEVADA	3,726
K6QWH	ALL	15,402	K6QWH	CALIFORNIA	3,720
KN4Y	FLORIDA	12,423	WA9QNI	TEXAS	2,100
AA4HD	GEORGIA	11,970	KO4DN	SOUTH CAROLINA	1,296
NO8Q	MICHIGAN	11,382	KO4DN	GEORGIA	1,034

CATEGORY - CW FIXED

W6NNV	CALIFORNIA	149,330	W0AWP	KANSAS	10,980
K8CW	OHIO	80,640	W9MSE	WISCONSIN	10,640
N5DKW	ARIZONA	65,611	WA2MUA	NEW YORK	9,990
KL7GN	ALASKA	29,547	W0IZV	COLORADO	9,724
WA9QNI	TEXAS	13,650	W8PN	OHIO	6,870
KC7YE	WASHINGTON	13,624	K8KIR	MICHIGAN	2,108
N5QLZ	MISSISSIPPI	12,712			

CATEGORY CW -DX

4X4RE	ISRAEL	37,180	ZL2ACP	NEW ZEALAND	5,292
SM5BHW	SWEDEN	15,288	ZL2ASM	NEW ZEALAND	4,420
SM4ASI	SWEDEN	10,600	JA9CWJ	JAPAN	4,048

CATEGORY - SSB MOBILE

<i>W7KEU ALL -</i> K7IOO	WASHINGTON	345,123	W7KEU	MISSOURI	6,240
W7KEU <i>49,060</i>	KANSAS	13,943	AA4HD	GEORGIA	377
K5XY	NEW MEXICO	9,686	AB4QD	FLORIDA	90

CATEGORY - SSB FIXED

N7TT	WASHINGTON	4,069,348	N7OTR	ARIZONA	6,670
K2NJ	NEW JERSEY	2,487,420	KA1OCL	MASS.	1,972
N9AC	ILLINOIS	280,160	K6QWH	CALIFORNIA	1,566
K8CW	OHIO	190,112	WA9QNI	TEXAS	915
WS5R	TEXAS	169,065	AB4QD	FLORIDA	210
NV4Z	TENNESSEE	9,912	WB2ABD	NEW YORK	90

CATEGORY - SSB DX

ZL2ACP	NEW ZEALAND	195,288	PT2TF	BRAZIL	36,820
6Y5DA	JAMAICA	83,104	ZL2ASM	NEW ZEALAND	9,120

CATEGORY - SSB NOVICE MOBILE

KA2KRA	ALL	47,775	KA2KRA	WASHINGTON	22,508
KA2KRA	BRITISH COLUMBIA	4,600			

CATEGORY - SSB NOVICE/TECH FIXED

WB0IWG	PENNSYLVANIA	9
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Maryland-DC QSO Party August 8 & 9th, 1992

1600 Z August 8 - 0300 Z August 9 & 1600 - 2359 Z August 9th

PHONE AND CW: Stations may be worked once per band using each mode. CW QSOs in CW Band only!
Non-MD-DC Stations work only MD-DC. MD-DC Stations may work anyone.

Portables and Mobiles that change MD counties during the party count as a separate station in each new county of operation. No repeater QSOs. Other HF & VHF contacts do.

Exchange: Signal Report, QTH, and **Major category** of entry, QTH is county for MD-DC stations, U.S. state or if DX, country of operation. Major categories of entry are - CLUB, QRP, MOBILE, NOVICE-TECH, and STANDARD. During the on the air exchange, stations should only send the Major Category that reflects their highest point value.

Suggested Frequencies: SSB 1.86, 3.92, 7.23, 14.26, 21.37, 38.37, 50.15, 146.55 MHz CW- 3.643, 7.06, 14.04, 21.115, 28.06 + Novice Tech+ at 3.701, 7.126, 28.115 MHz. Try CW on the ODD half hrs.

Scoring: **Non-MD Stations-** Each MD County, Baltimore City & DC are Multipliers (25 possible)
MD-DC Stations- Multipliers are MD Counties, Baltim City, DC + 49 other states + one for working a DX station (75 possible)
MULTIPLIERS MAY BE CLAIMED ONCE ONLY, they do not repeat on different bands.

QSO Points: 10 points for a **club** station QSO. (Clubs anywhere worth 10 points per valid qso !)
5 points for QSOs with a Mobile Station (MD-DCets 5 points for Mobiles in or out of MD-DC
2 points for a CW (or direct digital mode QSO counts as CW category !)
1 point for any other valid contact (phone QSO !)

Special note: Highest point value per QSO applies (Example: CW/Mobile QSO is 5 points)

FINAL SCORE: Add up all QSO Points and Multiply by the sum of the multipliers.

Special bonus for MD-DC Mobiles: Add 100 bonus points to final score for each county outside their home county from which 20 QSOs were made.

AWARDS: A Maryland Memento to the High U.S. Log and the high Maryland Single Op Score.
Plaque to the best log from a Maryland-DC CLUB Effort. (Plaque donated by A.R.o.Hagerstown)

CERTIFICATES will be awarded to the best score verifiefrom: each U.S. State, Canada or DX. Also to the top 10 MD-DC logs, High scoring MD or DC Club, Top MD-DC Mobile, Top YL Score (in or out of MD-DC), High Novice/Tech Log (in and out of MD) , Top 3 QRP Entries Nationally + Top 3 SWL logs.

Special Participation Certificate to non-winners with at least 50 QSO Points in entry.

Mail logs by Sept. 10, 1992 to Antietam Radio Association P.O. Box 52 Hagerstown MD 21741-0052
Indicate on your log complete exchange info + your categories of entry.
include an SASE with your entry for a copy of the contest results.

1992 Montana QSO Party **Sponsored by The Montana H. F. Society**

Contest Period: From 1600 UTC Saturday, September 12, 1992 until 0400 UTC Sunday, September 13, 1992. Stations may operate the entire 12 hour period.

Object: Non-Montana stations work as many Montana stations in as many Montana counties as possible; Montana stations work anyone.

Entry Classification: Class I Single Operator
Class II Single Operator, Mobile (Montana Only)

Exchange: Montana stations send QSO number and county. Stations outside Montana send QSO number and state/ province/country.

Scoring: Each SSB contact is worth 1 point. CW, RTTY, AMTOR contacts worth 2 points. Stations can be worked on each band and each mode. Mobile Montana stations may be worked again in each additional county by stations not in Montana (will count as another contact).

Multiplier: Montana stations use states(50), Canadian call areas(12), and DXCC countries. Non-Montana stations use Montana counties(56).

Total Score: The total score is the number of QSO points times the total number of multipliers.

Frequencies: (Suggested) 80 - 10 M SSB - 3850, 7230, 14280, 21350, 28450. CW - Band edge plus 25 kHz. Novices use their band edge plus 50 kHz.

Awards: Plaque to highest scoring station out of Montana. Certificates to the highest scoring entry from each state, province, or country, with at least 25 QSOs and contacts with at least 10 different Montana stations. Plaque to highest scoring Montana station, certificates to 2nd and 3rd places and Top Mobile.

Reporting: 1) Log 2) Summary sheet listing QSOs and multipliers by band and mode, total contacts and multipliers, claimed score, name, call, mailing address, phone, and a written, signed statement of " Fair and Ethical Operation ". Entries with more than 200 QSOs must include dupe sheets. You may submit your entry on disk in lieu of paper logs. The disk must be MS-DOS format, 5 1/4-inch, 360 K disk only. The log must be in an ASCII file and contain all of the above information. A separate summary sheet and signed statement also required with disk entries.

Deadline: All entries must be postmarked by October 1, 1992. Please mail all entries to The Montana H.F. Society, 1009 Madison Ave., Helena, Mt. , 59601. Please include a business size SASE for results.



MARAC NORTH CENTRAL MINI

OCTOBER 2 - 4, 1992

APPLETON, WISCONSIN

AMORA VILLA MOTEL

DIRECTIONS
SEE MAP BELOW

ROOM RATE \$45.00 SINGLE - \$55.00 DOUBLE SEPT. 18 CUTOFF DATE
AFTER SEPT. 18 ABOVE RATES ON ROOMS 'AS AVAILABLE'

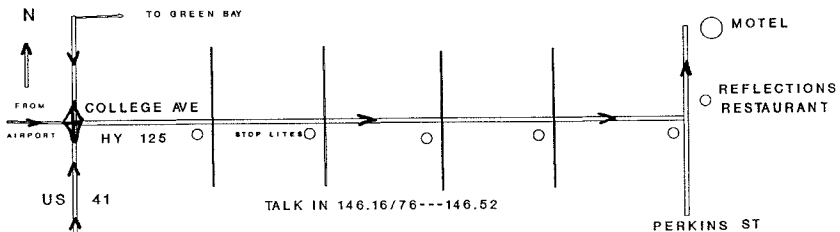
RESERVATIONS CALL: MOTEL 414-735-2733 MENTION 'MARAC' NO. CENT MINI
WRITE: 200 N. PERKINS ST. APPLETON, WI 54914 FAX: 414-735-5538

ACTIVITIES: EAA AIR ADVENTURE MUSEUM - OSHKOSH FOX RIVER MALL APPLETON
MANUFACTURER'S MALL OSHKOSH HOUDINI MUSEUM APPLETON

HOSPITALITY TO BE ADVISED

PRIZES ANY PRIZE DONATIONS WILL BE APPRECIATED

BANQUET \$9.50 PER PERSON - TAX & TIP INCLUDED



FROM OSHKOSH - MILWAUKEE

REGISTRATION CLIP TO MAURY MEAD W9FBC
MAIL TO 216 S. JOHN ST. NEENAH, WI 54956-2317

NAME _____ CALL _____ USA-CA _____
SPOUSE _____ CALL _____ USA-CA _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____
REGISTRATION FEE. (\$12.00-OM/XYL)--(\$9.00 SINGLE) _____
BANQUET (#) _____ @ \$9.50 _____
TOTAL ENCLOSED _____

MARAC PACIFIC DISTRICT MINI

ANNOUNCING: The 1992, First Ever Annual MARAC Pacific District Mini.

DATES: October 15th, 16th, & 17th 1992. Hospitality area open Noon Thurs. for early arrivals.

LOCATION: Riverside Resort, Laughlin, Nevada

DIRECTIONS: West on Highway 68 from Kingman, AZ I-40 Exit 48 or North from I-40 at the California State Line Exit 1.

ROOM RATE: Sunday thru Thursday; \$32. + 8% tax.
Friday and Saturday; \$46. + 8% tax. (One free buffet is included).
A block of 20 rooms will be held until October 1 so get your reservation in now.

Available for your use are: RV Park w/hook-ups, Two swimming pools, Handicap Facilities, Gift Shops; Beauty Shop, Three Restaurants, Two Giant Buffets, Gourmet Dining and course - the CASINO.

RESERVATION: Phone 1-800-227-3849. or Be Sure to Mention: MARAC
Write: Riverside Resort and Casino
P.O. Box 500
Laughlin, NV 89029

HOSPITALITY: Room 752 - Open at 1 PM, Thursday. Your information packet will be waiting for you.

PRIZES: All Prize Donations will be appreciated.

BANQUET: Saturday Night Buffet - 7:00 PM - \$15.00

REGIS-TRATION: \$12.00 for OM/YL or \$9.00 for single.

COMPLETE FORM BELOW AND SEND WITH
REGISTRATION FEE AND COST OF SATURDAY NIGHT BANQUET TO:

JAN McLERNON, NV6L;
714 W. Roderick A.
Oxnard, CA 93030
Tel. (805) 983-4316

1992 PACIFIC DISTRICT MINI CONVENTION REGISTRATION FORM

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

THE FOLLOWING WILL BE PLANNED IF ENOUGH INTEREST IS SHOWN
PLEASE WRITE IN THE NUMBER THAT WILL PARTICIPATE IN THE FOLLOWING:

Friday Early AM - Golf Tournament # _____
Friday 8:00 PM Comedy Show (\$10) # _____
Saturday Mid AM 1½ Hour River Cruise (\$10) # _____

SUGGESTIONS FOR OTHER ACTIVITIES BEFORE OR AFTER THE MINI

Davis Dam: Free Self Guided Tours from 9:00 AM to 4 PM Daily

Helicopter Tours: From the Riverside Resort Parking Lot

Grapevine Canyon: Indian Drawings on Cliffs - 6½ Miles west of Laughlin off Highway I-40

Oatman: Historic gold mining town with staged gun fights, tourist shops, feeding wild burros who roam the streets - on OLD Route 66 about 20 miles SE of Laughlin.

Mitchell Caverns: 60 miles west of Needles off I-40.

Colorado River Museum ½ miles north of Laughlin bridge at Davis Camp - 10 AM to 3 PM Wednesday thru Sunday.

Lake Havaseu and London Bridge 23 Miles south off I-40

Grand Canyon Exit 167 at Williams, AZ and about 60 miles north on Highway US 89 to the South rim.

Williams, AZ Historic Old West Town, Lots of shops. As an alternate - there is an authentic steam locomotive that makes a day trip to the Grand Canyon from Williams. Old west Gunfights. Leave in the AM. Have lunch in the Canyon and back to Williams in time for the dinner bell. For reservations call 1 + 800 - THE - TRAIN. An experience worth having and remembering. Please take your camera.

Jerome, AZ One of the Ol' West Mining towns. Literally built on the side of a mountain. Look at the many old buildings, tour the Mining Museum, watch the chimney tops on one side of the road and on the next street pass the basement level to the same house. Highway 89A takes you through Jerome and on over Dingus Mountain, a beautiful scenic drive, well worth your time.

Countyline Roadrunner

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; 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 9112 Mesa AZ 85214 and request the Information Packet.

The Officers are:

PRES - Don Strom, WA0LKL; 11421 Johnson Cr, Bloomington MN 55437. VP - Bob Hanson, W0KMH; 9 Hillside Ct. Northfield MN. SEC - Shel Mann, N0DRX; 1618 West Pine St Stillwater MN 55082. TREAS - John Lyon, W9LHG; 2346 Dorothy Lane White Bear Lake MN 55110.

The Directors are:

HQ - Mary Mann, N0DXH; 1618 West Pine St Stillwater MN. 55082 Vern Olson, WA0RJJ; 4024 NW 3rd St. Rochester MN 55091. Jerry Koon, W0NNH; 8326 Grenadier Ave So Cottage Grove MN 55016. PACIFIC - Ken Wosika, KB7QO; 3413 Mary Ann Ave Las Vegas NV 89101. NORTHEAST - John Butler, WB2NFB; P O Box 941, Johnstown NY 12095. GREAT LAKES - John Sebastian, N8BGF; 758 Southwind Dr Fairfield OH 45014. NORTH CENTRAL - Carl Durnavich, KF9FU; 427 Calumet Blvd Harvey IL 60426. SOUTHEAST - Gene Tyree, N4ANV; 522 N. Sumac Circle Fayetteville, NC. 28304. SOUTH CENTRAL - Buster Boatman, N0CKC; 8973 W. Harvard Dr Lakewood CO 80277.

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 S Overhill Circle De Soto KS 66018. AWARDS CUSTODIAN - Bill Nash, W0OWY; P O Box 83403 Phoenix AZ 85071.

Other Information:

The annual dues are \$16 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 \$13 per year. DX Newsletters (non North America) are sent via Air Mail for \$25 per year. Send all membership dues and address change notifications to the Secretary.

MOBILE QSL BUREAU; Route 3 Box 400 Timmonsville, SC 29161. USA-CA CUSTODIAN; Dorothy Johnson, WB9RCY; 333 S. Lincoln Ave Mundelin IL 60060. The B & B Shop; P O Box 83403 Phoenix AZ 85071.

Articles and items to be included in the Newsletter must be in the Newsletter Editor's hands prior to the 20th of the month preceding 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

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