



THE COUNTY LINE ROADRUNNER

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From My Point of View

Joyce, WB9NUL

We arrived home May 31 from our third trip to Illinois since Christmas. The band conditions were up and down with short skip on the ride to Illinois. This was a multi-purpose trip. The deployment ceremony in Rock Island was beautiful and yes I cried. Grandson Logan looked so grown up in his uniform. Looks like I'll be sending care packages to Egypt for a year. The wedding of our granddaughter was elegant and fun. She had five attendants and he had six. The sixth attendant was their Bulldog, Rocky who wore a tux! The rest of the time in Illinois was spent dealing with the affairs of Barry's mother who passed away last Christmas.

Lloyd, NX4W has submitted his resignation as Election Coordinator. Are any of you interested in the position? Lloyd has assembled a notebook that **Lloyd, NX4W has submitted his resignation** makes the job easy. Please contact me if you are interested.

I am sorry to report another member has become a silent key. WA2AKJ, Marsha Baulch passed away last month.

The plans are set for the National Convention. I'm excited as my daughter, Jennifer and grandson, Coty will be in attendance. Here is the list of those who are coming: K1DFO, AB2LS, KZ2P, W3DYA & Karen, N4CD, N4JT, N5AWE & Jean, W5DU & KB5TVU, N5MLP, KG5UZ & KJ5PQ, W5VD, AB7RW & AC7UH, N8BGF & KC8WRP, AA9JJ & N9QPQ, W9JL, Jennifer & Cody, KY0E & N0CWX.

Look forward to seeing you all. Please send in your registration so we can set things in stone. Have a great summer.
73, Joyce, WB9NUL



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Dateline CW

Ed, KN4Y

There is nothing, absolutely nothing, half so much worth doing as simply running CW mobile in the MARAC contest.

Gator is finishing up the MARAC county hunters CW contest logs and I am opening the mail. We are both enjoying a latte to ward off evil sprits. Gator hands me the results of our Saturday adventure. I read, we operated 16 hours, including feeding the driver, and traveled 734 miles. We ran 2 counties in Florida, 9 in Alabama and 14 in Georgia. We made 66 mobile contacts, 73 DX and 391 fixed stations. We worked 150 counties. Gator turns around, "Boy we could have had a higher score if you had not pooped out on Sunday." Gator is back on the computer, "We did okay for a short run, you got 40 contacts for Bingo III, 19 Mobile to Mobile contacts, and one natural bingo. You got the last 1x2 call in Rhode Island,"

I change the subject, "You should have been here Friday. Jeff, W9MSE, his wife and brother-in-law stopped in for a short visit." "What brings them here of all places?" "They are running the coastal counties." "Did he ask you to call me?" "No, they were on a time schedule and could not stay long." "What a bummer."

"I agree, look what the mail brought. This is a certificate for being mobile in the Florida QSO party." Gator looks at the certificate, "The certificate shows you worked 1427 QSO's in 27 counties. You actually made 1482 contacts." "Calm down Gator, the FQP penalizes a person for making mistakes. I did give the last county for a sweep to two stations and I am a charter mobile." Gator is not impressed and opens another envelope, "Well this certificate is first place Florida in the New York QSO party, and you were probably the only Florida station." I throw a floppy disk at him and miss. He opens another envelope, "Look Dude you got a certificate for tenth place in the world in the ten-ten CW QSO party, not good." "Well Gator if you consider how many hams are in the world being tenth is not bad." Gator gives me that disgusted look and opens another envelope, "This is a certificate of merit for having high score in six Alabama counties, what does that mean?" "I guess it means there was no fixed station in the county." We have a good laugh and finish our latte.

Gator is checking the MARAC log for any counties I may need, "By the way Dude did you e-mail Joyce about my GPS idea." "No, but I am sure she knows about it?" "When is the MARAC National Convention?" "The convention is July 7-10 and is at the Best Western Palm Aire in Weslaco, Texas." "That place is on International Boulevard just off US 83 Freeway." "You have been there?" "Yes we had an ACE meeting there awhile back. Any planned happenings?"

"There will be a dinner at the Lone Star and a tour of the King Ranch. There will also be a Dolphin watch cruise." "I hope the Gulf oil spill is not a problem." I ignore Gator, "The final will be the banquet." Will they have a hospitality room?" "Is it not a county hunter's convention?" A CW signal comes from the radio, "Hold on Gator, I have been working mobiles going to the Hamfest in Dayton, Ohio." Gator listens, "Are you going to the convention?" "No." I work W4SIG on 20-meter net. "Is that that Tennessee...?" "No." Gator changes the topic.

"Did you change the antenna ball mount on the van?" "Sure did, the old mount was sure corroded. We are ready for the Alabama QSO party." Gator gives me the high sign, he likes going to Alabama. The detailing red clay used in Georgia QSO party is messy. A CW signal is heard from Gator's cell phone, "Got to go Dude," and he tosses me a sheet of paper and is gone like ice cream on a hot day.

I look at the paper and Gator has listed the mobiles heard on the county hunter CW frequencies. AA0T T, AF3X, AD1C, AI5P, K0ARS, K2HVN, K4YFH, K7INA, K8AO, K8ZZ, KA4RRU, KB6UF, KC0W, KD5JWC, KN4Y, KO1U, N0LXJ, N2OO, N4CD, N4JT, N5XG, N6HH, N7IV, N9BIL, N9JF, N9QS, NT2A, NX4W, W0GXQ, W0MU, W0NAC, W3DQT, W3DYA, W4HSA, W4SIG, W7FEN, W7KQZ, W8GEJ, W8JJ, W9MSE, W9OP, WA4PGM, WB2ABD, WD4OIN, WD9EJK, WY7LL.

This month is the big ARRL operating event of the year known as Field Day. Work the club station K4WAK and get natural bingo for Wakulla County, Florida. Do not forget the ARRL VHF QSO party, I will run CW on 6-meters. There is also the West Virginia QSO party a warm up operating activity prior to field day. Time for a nap.



MARAC Voting Information

Remember, if you are a new member or are REJOINING following a lapse in membership, you are NOT eligible to submit nominations or vote in an election until the first day of the month following receipt of initial payment of dues and valid membership application to the Secretary of MARAC. Those individuals maintaining uninterrupted membership status are not restricted from nominating or voting in the current month.

BALLOT RECOGNITION

I would like to congratulate the following stations for receiving recognition from their peer's and votes in the 3rd quarter award voting: (no particular order). Only stations receiving 3 points or more are listed.

NET CONTROL SSB: KZ2P, N5UZW, W0FP, WY7LL

NET CONTROL CW: W0GXQ, N4CD

BEST MOBILE SSB: KL1V, K8ZZ, KM9X, N4AAT, NX4W

BEST MOBILE CW: W0GXQ, K0ARS, K8ZZ, N4CD, N9JF

BEST TEAM: N0KV/N0DXE, AA9JJ/N9QPQ, KB0BA/N0XYL, KM9X/KB9MGI, WY7LL/WY7ML

Nominations for County Hunter of the Year

Only two members of MARAC submitted nominations for the SSB & CW CHOY before the deadline this year. It turned out that both members submitted the same call for the SSB nomination and only one nomination was submitted for CW. Following the nomination deadline is a two week period that the District Directors (DD) has to submit their choice for SSB & CW CHOTY. During that period this year a discussion between the Election Coordinator (EC), Awards Manager (AM) and the MARAC Board of Directors (BOD) took place. The outcome of that discussion provided a better understanding of the responsibilities of the Awards Committee, AM and that of the DD. Also, during that discussion the BOD stressed their desire that all rules and requirements for CHOTY be followed and in particular the "Direct Service to MARAC", not "Ancillary Service" be adhered to. The two nominations were sent to the EC before this discussion took place

After the deadline for the DD to make their selection the AC was then given the option to add additional nominations. The AC voted not to add any additional nominations. The AC then was given the task to verify that all nominations did qualify for CHOTY based on the rules for CHOTY in the Award Rules on page 16. The AC decided that only the CW nomination qualified and the SSB did not.

Randy Hatt, Awards Manager

CW CHOTY K8ZZ Nominated by Randy -- AA8R

Ed, K8ZZ has been one of the more active County Hunters over recent years. Ed started his County Hunting career in 2004 and has accomplished the following criteria for the CW County Hunter Of the Year award:

Criteria #1 [Quality and quantity of operating to provide Valid Contacts from multiple counties while in Mobile operation or while assisting mobile county hunters as net Control Station \(NCS\) or assistant NCS.](#)

- USACA: 2/2006
- BINGO: 5/2007
- USACA-CW: 3/2009

- 2009 CW CHOY Runner Up
- Put out close to 1,000 unique counties.

Criteria #2 Participation in MARAC activities and service to MARAC and the members of MARAC.

- Ed has been the Co-Host of the Michigan Mini for 3 years.
- Past Awards Committee member
- In the past, Ed was one of the regular CW operators who will run, spot and do relays for the mobiles.
- Ed has given out 210 LC of which one of those was for the WBOW.

Criteria #3 Other activities in support of county hunting.

You'll find Ed at many of the different Mini's across the US and occasionally at a MARAC National convention.

Criteria #4 Technical proficiency in design or usage or implementation of enhancements to mobile operation or county hunting net operations. Overall amateur radio general support in a manner consistent with good operation and advancement of the hobby.

- Ed has always been willing to share his technical expertise by willing to help other County Hunters with their mobile setup, operating procedures, road conditions, etc.

MARAC 4th Quarter Award Voting

April – June, Also Voting for County Hunter of the Year

Voting will be open from June 1st through June 30th for the best net control, mobile and team awards. The easiest way to place your vote is at the MARAC web site <http://www.marac.org/elections/> and all you will need to enter on the sign in page is your call sign and your "election key". If you have lost or do not know your key then enter your callsign and then click on the large button below to request your key. The key will be emailed to your email address on record right away. You may also send me your vote via regular mail. However I must receive the ballot by the closing date of the voting window to be counted. Please include your callsign, MARAC membership and key numbers along with your choices for each class to my address listed below.

A vote for 1st choice is awarded 2 points and 2nd choice is awarded 1 point. **Please do not vote for the same call for both choices.** Of course any choices can be left blank.

Best Net Control SSB: 1st Choice _____ 2nd Choice _____

Best Net Control CW: 1st Choice _____ 2nd Choice _____

Best Mobile SSB: 1st Choice _____ 2nd Choice _____

Best Mobile CW: 1st Choice _____ 2nd Choice _____

Best Mobile Team: 1st Choice _____ / _____
2nd Choice _____ / _____

County Hunter of the Year SSB County Hunter of the Year CW

None

K8ZZ

Choice for SSB _____

Choice for CW _____

Your call sign: _____ MARAC # or Election Key _____

Just a reminder that I will be resigning effective with the July meeting and as of yet the position has not been filled. If you are interested, please contact Joyce, WB9NUL at joycenul@aol.com.

Lloyd S. Smith – NX4W

MARAC Election Coordinator

4413 NW 36th Dr

Gainesville, Fl 32605-5424



New Members

<u>MARAC Number</u>	<u>Callsign</u>	<u>Name</u>
R4407	KB8TIN	Ida Bailey
R4408	K5WAF	William Frink
R4409	K5PRT	Pete Theer
R4410	NX4C	Wesley Cosner
R4411	AB7NK	Mary Vince
R4412	K8ZEE	Nicolas Martschenko
R4413	WD4LYV	Wayne Harrell



History Happens

Gary, K4EXT

I recently received a package from Mike, W0MU containing a short stack of County Hunter photos collected by Arnie, K9DCJ (SK) and his XYL Lorraine. Some of these are black/white and date back to the 1960's. What a great treasure for your newbie Historian! These pictures will eventually all be displayed on the work-in-process CH/MARAC History web site for everyone to see.

Over the past several months, various other people have promised to send me old CH pics, newsletters, paraphernalia, etc. but most have yet to do so. Please folks, let's git-er-done!

The picture below is from the K9DCJ collection and is (unfortunately) somewhat timely. Don Hagler, K5CKQ passed away on April 8, 2010 in Comanche County, Oklahoma at age 69. This QSL and personal note were sent to Arnie and Lorraine about twenty years earlier. The handwritten text on the card reads "Hello Arnie & Lorraine! Thanks for the info. Well guess didn't work you from FLA. I'm going to run an Ad in RoadRunner. 73's."



AMATEUR EXTRA
DON HAGLER
 912 Bell Street
 Lawton, Oklahoma 73507
 COMANCHE COUNTY - USA
 USA - CA#435 - 7 Band WAS - DXCC
 Grid EM 04

Photo: "Fast contest repairs".
K5CKQ

Hello Arnie & Lorraine! Thanks for the info - Well guess I didn't work you from FLA. I'm going to run an Ad in RoadRunner - 73's Don

CONFIRMING QSO WITH	DATE
DAY MONTH YEAR	
UTC	MHZ
RST	MODE

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Birthdays

Call	Birthday Date
KB7YD	Jun - 01
NS6X	Jun - 01
K5IID	Jun - 01
W4AMW	Jun - 01
KG8N	Jun - 01
W8OZ	Jun - 01
KE8ST	Jun - 01
K0GSV	Jun - 01
K8OHC	Jun - 02
W1MHD	Jun - 02
NC4F	Jun - 02
K5OT	Jun - 02
NF4A	Jun - 02
KJ4EJ	Jun - 03
KG0AY	Jun - 03
N9DYE	Jun - 03
W2IN	Jun - 03
N9GN	Jun - 04
AE4JG	Jun - 04
K5MSU	Jun - 04
K1SO	Jun - 04
ND7J	Jun - 04
KE0UQ	Jun - 04
K5NRA	Jun - 04
KA1ID	Jun - 05
K0AYO	Jun - 05
AA0TT	Jun - 05
W9AJ	Jun - 05
AA9RE	Jun - 05
K1MIJ	Jun - 05
K4LSG	Jun - 05
W8MP	Jun - 05
K9JF	Jun - 05
N6QA	Jun - 05
KA5A	Jun - 06
N7TAX	Jun - 06
N5SMQ	Jun - 06
WJ8B	Jun - 06
K7WC	Jun - 07
K4YP	Jun - 07
W8LS	Jun - 07
WA9WGJ	Jun - 07
W7LY	Jun - 08
K9EN	Jun - 08
WB3AXC	Jun - 08
AA9ID	Jun - 08
W0XXX	Jun - 09
VK3MW	Jun - 09
WB9ELH	Jun - 10
K2ETA	Jun - 10
W8RCL	Jun - 11
N6NRZ	Jun - 11
K1XG	Jun - 11
N5VMW	Jun - 11
W6IYS	Jun - 12
K4BU	Jun - 12
KC5QCB	Jun - 12
WA0ZBK	Jun - 12
W3BZJ	Jun - 12
WA5RD	Jun - 12
N7IGX	Jun - 13
W9ACE	Jun - 13
NE8M	Jun - 13
N4OA	Jun - 13
WA4CHI	Jun - 13
K4DI	Jun - 14
K1YE	Jun - 14
KC3YT	Jun - 14
W4TET	Jun - 14
K5GUY	Jun - 15
N5QS	Jun - 15
W5LXG	Jun - 15
KB0BA	Jun - 15

Call	Birthday Date
KI7AI	Jun - 15
KK6BB	Jun - 16
WI9C	Jun - 16
NI7B	Jun - 16
N4ILQ	Jun - 16
AE5B	Jun - 16
WA9OUE	Jun - 16
KC2CD	Jun - 16
K6BWZ	Jun - 17
NT4W	Jun - 17
W6TMD	Jun - 17
W6OUL	Jun - 17
WV9D	Jun - 18
W4DOS	Jun - 18
W4LJM	Jun - 18
KD9Q	Jun - 18
NU4N	Jun - 19
N9MBL	Jun - 19
N2BM	Jun - 19
AC7UH	Jun - 19
KA2K	Jun - 19
N4EED	Jun - 20
KD5YUK	Jun - 20
WB0TVL	Jun - 20
N3CI	Jun - 20
K0NZ	Jun - 20
K7WUR	Jun - 20
G3NDC	Jun - 21
K8RN	Jun - 21
KI7MK	Jun - 21
KE6GJ	Jun - 21
NV6L	Jun - 22
W4OGG	Jun - 22
KI6PG	Jun - 22
NJ4K	Jun - 22
N8ACL	Jun - 22
WD8OWA	Jun - 23
K0LG	Jun - 23
K0DCL	Jun - 23
KE7GI	Jun - 23
WV1U	Jun - 23
W9NII	Jun - 24
N9FR	Jun - 24
N4CD	Jun - 24
W4EHT	Jun - 25
KC9GW	Jun - 26
KC0MB	Jun - 26
KB4QCE	Jun - 26
WB9OOE	Jun - 27
K5VFW	Jun - 27
W9CNG	Jun - 27
W4JVN	Jun - 27
KE5RJT	Jun - 28
KG5UZ	Jun - 28
WA4UNS	Jun - 28
WA0LPA	Jun - 28
K7IOO	Jun - 29
KD9ZP	Jun - 29
N6VZ	Jun - 29
KD2EC	Jun - 29
W9MSE	Jun - 30
K8SJ	Jun - 30
W0LRH	Jun - 30
W2DWR	Jun - 30
WD5RS	Jun - 30
WD5JGS	Jun - 30
AL7RQ	Jun - 30

Awards

Call	Date	Award	
WQ7A	5/12/2010	5 Star	
W4YDY	5/22/2010	5 Star	
WB0COO	5/18/2010	BINGO II	
WD9EJK	5/17/2010	Master's Gold	
KB9YVT	5/22/2010	Native American Counties	
KA9JAC	5/22/2010	Native American Counties	
KB9YVT	5/22/2010	US Presidents Counties	
KA9JAC	5/22/2010	US Presidents Counties	
KC3X	5/18/2010	USA-PA - W	
WA9DLB	5/12/2010	Worked all Counties - 4th Time	
AA9JJ	5/19/2010	YL Mobile	
Roadrunner Issued Per Month			
Call	Date	Award	Number
N9QPQ	5/24/2010	Last County Count 875	# 4
KLIV	5/24/2010	Last County Count 825	# 6
AI5P	5/24/2010	Last County Count 825	# 5
N0LXJ	5/24/2010	Last County Count 125	# 163
KB6UF	5/24/2010	Last County Count 750	# 10
W0FP	5/24/2010	Last County Count 25	# 484



National

42nd Annual MARAC National Convention
 WESLACO, TEXAS- Wed. 7 July through Sat. 10 July, 2010
 Best Western Palm Aire Hotel & Suites

NAME _____ CALL _____ USACA# _____
 ADDRESS _____ CITY _____ ST/PROV _____ ZIP _____
 E-MAIL ADDRESS _____ BEST PHONE NO. _____ - _____ - _____

REGISTRATION FEE -Includes one badge, one Ham prize ticket, one cash prize ticket and E-Mailed photos **\$30.00**

ADDITIONAL NAME BADGES Total number of additional badges _____ X \$2.50 = \$ _____
 BADGE NAME _____ CALL or other designation _____ USACA # _____
 BADGE NAME _____ CALL or other designation _____ USACA # _____
 BADGE NAME _____ CALL or other designation _____ USACA # _____

DESIRED PHOTOS GROUP - USACA HOLDERS - YL - CW OPS **E-MAILED PHOTOS ARE FREE**
 Please circle the ones you want
 NUMBER OF PRINTED AND MAILED PHOTOS WANTED _____ X \$5.00 = \$ _____

EXTRA PRIZE TICKETS Raise your chances of winning the "Big Ones"
 HAM—Single tickets # _____ X \$ 1.00 = \$ _____
 HAM—12 pack tickets # _____ X \$10.00 = \$ _____
 CASH—Single tickets # _____ X \$ 1.00 = \$ _____
 CASH—12 pack tickets # _____ X \$10.00 = \$ _____

EVENTS & ACTIVITIES PLEASE READ PAGE TWO FOR DESCRIPTIONS!!!!

Wednesday, July 7 ----- **"DINNER AT THE LONE STAR"** # attending _____ (Pay your own bill)
 (We need the number to make the reservation)
 Thursday, July 8 ----- **"A DAY ON THE KING RANCH"** # going _____ X \$60.00 = \$ _____
 Friday, July 9 - **"DOLPHIN WATCH CRUISE AT SO. PADRE"** # going _____ X \$28.00 = \$ _____
 Saturday, July 10 ----- **"AWARDS BANQUET"** Includes tip and taxes
 Flounder Almondine -----# _____ X \$25.00 = \$ _____
 Chicken Marsala-----# _____ X \$23.00 = \$ _____

YOUR PAYMENT (Do not send cash, please) **TOTAL \$** _____

MAKE CHECKS PAYABLE TO "2010 MARAC CONVENTION"
 Mail this form and your payment to: Joyce Boothe, 21175 FM2556, Santa Rosa, TX 78593
 Questions, Comments, call me—956-202-3373 or e-mail me at JoyceNUL@aol.com

EARLY REGISTRATION Register before May 1, 2010 to get a chance for the early bird prize!

HOTEL RESERVATIONS—Call direct 1-800-248-6511—Mention **"MARAC"** (Cut-off date June 23)
 Convention rooms for one or two persons—\$69 + tax (good before and after event)
 Includes Buffet/Cook-to-Order Breakfast every morning

MARAC National Convention **Events and Activities** Weslaco, TX July 7-10, 2010

WEDNESDAY, JULY 7 Opening day evening—**"DINNER AT THE LONE STAR"** Fellowship

Most of the day will be taken settling in, renewing old friendships, sitting around the pools, and getting the "lay of the land." That evening we'll "caravan" the 13 mile straight shot drive toward Harlingen to enjoy dinner and good times together. The **Lone Star Restaurant**, not related to the chain by that name, has been a landmark in the Valley for decades. We'll have our own big dining room, order from the menu and enjoy great food and drink at moderate prices. The Lone Star serves seafood, steaks, Mexican dishes, burgers, and smoked meats from its own mesquite fired smoke house. They have fantastic appetizers, a full service bar, their own bakery, all set in very pleasant surroundings. Join us for a great opening get-together.

Check it out here: [http://www.thelonestarrestaurant.com/Lone Star Restaurant/Home.html](http://www.thelonestarrestaurant.com/Lone_Star_Restaurant/Home.html)

THURSDAY, JULY 8 A chance to relive history—**"THE KING RANCH"** A day log tour

It was about 150 years ago that Richard King, the salty steamboat captain developed the world's largest ranch of nearly one million acres here in the Lower Rio Grande Valley. The King Ranch is larger than the state of Rhode Island. This National Historic Landmark is considered to be the birthplace of the American ranching industry. This is where the Santa Gertrudis breed of cattle was developed, as well as the first registered American Quarter Horse. Besides the **ranch operations**, you'll visit the **Henrietta Memorial Museum** and it's rich collection of artifacts, browse the **Sellers Market** near the **Old Opera House** where saddles, blankets and those famous King Ranch purses are sold, plus much more. You'll be treated to a **Texas Style Bar-B-Que** at the Ceasar Kleberg camp house for the midday meal.

The tour bus will load at the motel in the morning and you will spend most all of the day in air conditioned comfort either riding or inside visiting the various locations. There will be a minimum of outside walking. Check out these web sites: www.king-ranch.com & www.KRsaddleshop.com

FRIDAY, JULY 9 Off to South Padre Island - **"DOLPHIN WATCH CRUISE"** & lunch at Blackbeard's

This is a favorite of both visitors and residents the Lower Rio Grande Valley. You'll board a tour bus at the motel after breakfast and motor out to South Padre Island. There you'll board a big double decker boat and cruise the calm blue waters around the south end of the Island. You'll see the dolphins feeding, playing and surfing in the wake of ships going in and out of the port waterway. You'll see the shrimp boats heading to the gulf, the old Confederate Landing and other points of interest. Then, back on land, the bus will take you up the Island's "main drag" to Blackbeard's. This casual eatery has great seafood, burgers, and steaks at very moderate prices. Order from the menu at your own expense, then board the bus for the return to Weslaco.

Check the websites: <http://www.theoriginaldolphinwatch.com> & <http://www.blackbeardsspi.com/>

SATURDAY, JULY 10 The final event **"THE AWARDS BANQUET"** Plaques & prizes & food & fun

This event, hosted by outgoing President Joyce, WB9NUL and her merry band of revelers will end what we all expect to be a "good time had by all," as she takes on her new role as Past President Emeritus. After opening remarks and dedication, a fine meal served by the folks at the Palm Aire, then the presentations of special MARAC Awards, then a fun time for the drawing of winners of the donated prizes, special Ham prizes & cash prizes.

The menu choices: **1. Flounder Almandine**—Filet of Flounder lightly coated with cornmeal & sautéed until Golden, finished with Almonds
2. Chicken Marsala—Sautéed Breast of Chicken with Fresh Sautéed Mushrooms & a Marsala Wine Demi Glaze

Both served with: Green Bean Almandine, New Roasted Potatoes with Rosemary & Garlic,
 For dessert, Carrot cake.
 Coffee & Iced Tea

Treasurer's Report

April 30, 2010

Funds Balance March 31, 2010 **\$17,699.06**

Income:

Membership	\$692.00
Money Market Interest	\$2.79
Logger Distribution	\$100.00
Awards Manager Income	\$184.00
	<u>\$978.79</u>

Expenses:

Hoppers - Plaques	\$90.00
Bay Port Tech – Auto Plaques	\$72.85
Print Right – Road Runner	\$463.88
Awards Manager Expenses	\$42.58
EasyCGI Internet Server Host	\$107.40
	<u>\$776.71</u>

Account Balances **\$17,901.14**

Checking Account \$4,294.16

Money Market Account \$13,606.98**\$17,901.14**

Note:

The following monies are not included in the above:

Awards Chairman's Funds	\$1,200.00
2010 National Convention Seed	\$3,000.00



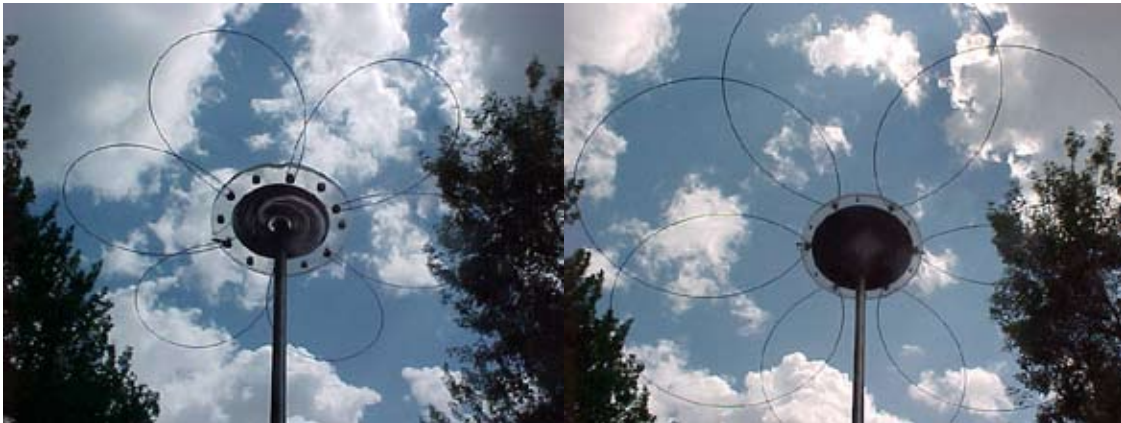
Flying Saucers Have Landed
Barry, W9UCW

In the antenna forum at the South Central Mini in February I told a story about an idea I had 25 years ago. Basically, it was about making “Pie-wound” resonator coils. The term is used for coils wound in one plane rather than in a cylinder. I made prototypes for 20, 75 & 160 meters and was surprised by the measurements I made at that time.



20 meter prototype pie-wound resonator, circa 1985

Joyce and I did a patent search in Washington DC because of the outstanding characteristics I saw in test units. We ran a prototype coast-to-coast mobile on 20 meters to see how effective the design actually “played.” It was successful. But once the units were measured on our test stand, it was obvious that the turn-to-turn capacitance was causing losses. Because of that problem, especially in lower frequencies, I put the prototypes aside, realizing that the probable solutions were economically impractical in the quantities called for by ham radio mobiles.



75 and 160 pie-wound resonator prototypes, circa 1985

One morning in November last, I went out to the garage to help Joyce load stuff in her car for a jaunt to one of her needlework get-togethers. When I glanced at the things hanging behind the garage service door, I was looking at two of those old prototypes. I had a “Gestalt” experience. I suddenly remembered seeing a particular 160 meter resonator at a club picnic 50 years ago. It was the creation of “Mac,” W9MIX, from Aurora, Illinois. He called it his “Flying Saucer Mobile Antenna.”

His coil, mounted more-or-less in the middle of the antenna mast, was a pie-wound design, but was “basket woven” on pop-cycle sticks radiating from a central core. As I thought about it, I realized that his general idea eliminated the turn-to-turn capacitance problem that plagued my trial units. Mine were indeed pie-wound, in one plane, sandwiched between two circular pieces of Lucite. The turn-to-turn capacitance was tremendous, especially on the larger diameter units for 40, 75, and 160 meters.

I spent that day last November laying out the design for forms, making a few, and winding one for 160. I was stunned by the measurements I made using an analyzer and a computer. I managed to get a little time here and there to work on the project over the next couple months. Once I had a set of resonators for all nine HF bands, 10 through 160, I discovered a number of notable characteristics.

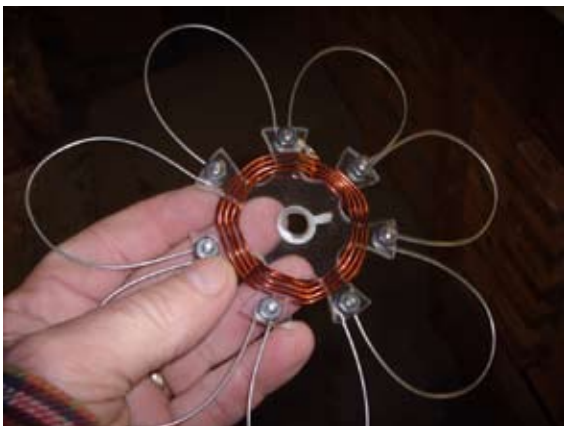


Various blank forms



First for 160-It resonated at 960 kHz

First of all, the loss figures were the best I have ever measured on any resonator, commercial or home-brewed. Secondly, the resonators are quite broad-banded. For instance, below 1.5 to 1 SWR bandwidth of 750 kHz on 10, 250 kHz on 20, 50 kHz on 40, and 21 kHz on 160. Other notables include lightweight, low wind resistance, and extremely little interaction between resonators.



12 meter “Flying Saucer” resonator



20 meter “Flying Saucer” resonator

In February I showed an example nine band version that was 8’ tall. Joyce and I have just returned from a road trip to Joliet, Illinois and we were using a seven band unit, 10 through 40 that was 7’ tall. We were running 20 watts and were pleased with the results. We learned more about the design on this trip. More about that later.



10, 12, 15, 17, 20, 30, & 40 meter setup-7' high



A 9 lobe coil form for 160

At the February Antenna Forum I said that I would eventually provide all that was needed for those who are interested building some of these resonators. My time has been very limited, but I have ordered and received alternate materials for forms, hardware and other supplies for testing variations for best fit. I'm in the midst of that process now.



Various thickness forms of grey PVC



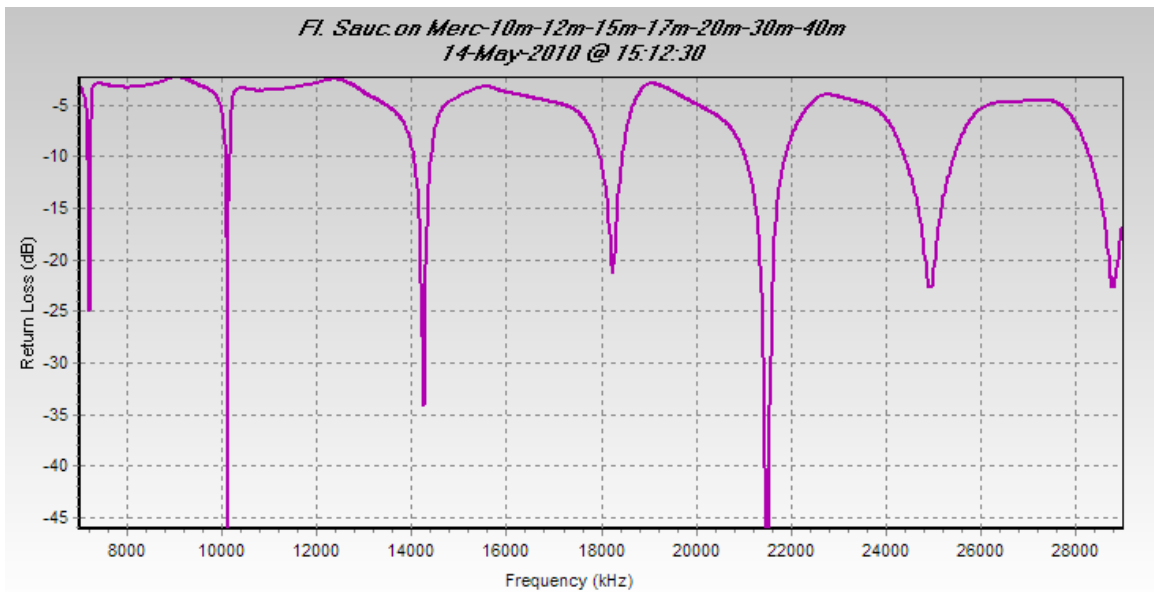
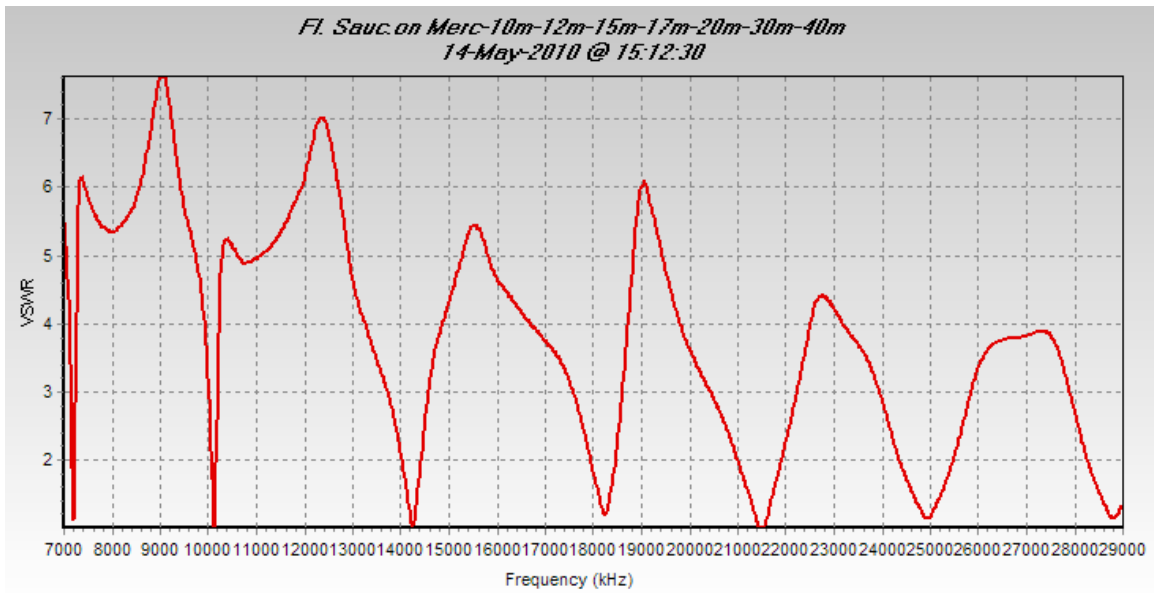
160 coil wound on 9 lobe form

I expect to have my final tests and recommendations finished soon. I plan to have a package ready at the MARAC National Convention in Weslaco next month. The form will be a CD and will provide materials lists, sources and order numbers for materials, patterns for the resonator forms, and complete step-by-step instructions for making the resonators. There will be ample pictures to augment the instructions for making and tuning the resonators as well as a list of tools needed. I'll ask \$6 for the CD to offset my expenses.

I will review the process as one part of the Antenna Forum or perhaps as a separate session. I'll certainly be available for questions and support for anyone who asks, but I will not make any resonators or parts of the resonators for anyone but us. I have too many irons in the fire now. Please don't ask.

I'm certainly excited about this design and characteristics and I hope that others who get into making and using

them will share their innovations and improvements with others. I'm sure there will be some great ideas brought forth in this process. I hope to see you at the convention and at the Antenna Forum. 73, Barry



The County Line Roadrunner
MARAC Secretary
2690 Bohicket Rd
Johns Island, SC 29455



“A Road Runner Is A Very Fast Bird”

Monthly Deadline for Articles is the 25th!

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