



Hamtrix

Volume 55, Issue 7 July, 2010

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Chuck WB9PUB needs your help with the program for the September club meeting. See page 4

Meetings & Events



July 13
Club Meeting

Utility Metering

by George Dunco, AA9SR
7:00 PM Church Basement

July 27
Board Meeting

7:00 PM Church Basement

August 1

Material Due for Next
Hamtrix

August 10
Next Club Meeting



The President's Shack

by Howard Smith,
WA9AXQ

Mother Nature was not too kind for our field day operations. We endured severe weather at 4:00am on Sunday morning, and then some additional rain around 9:00am Sunday morning. Fortunately, the tear down took place after the rain stopped for the second time. There was a nice turn out on Saturday morning, and the various sites were set up without too much confusion. The important part was that we were done and ready

by the official start time of 1:00pm. Be sure to read the article by Tom, K9BTQ, giving the various details of the event. I also want to thank Vicky, my XYL, for making the Jim White chili, and helping with the preparation and serving Saturday dinner and Sunday lunch. I hope all that participated had a good time.

Our Alphabet Contest ended on June 1st and I received just two logs from club members. Chuck, WB9PUB, sent me his log with 17 entries. George, AA9SR, presented his log at the June meeting and he had seven entries. This means that Chuck, WB9PUB, is the winner, and George, AA9SR is the runner up. I had really hoped that there would have been more entries than the two that I received.

(Continued on page 6)

WIQP IN-CLUB COMPETITION

By Lynn Tamblyn, K9KR, WIQP Chairman

First some background. The following table is the story of club participation over the last 15 years:

Year	WARAC Members	WARAC Score	Placed	Winning Club	Score	Total Clubs
1996	17	94205.0	7th	Kettle Moraine	284743.0	23
1997	11	94497.0	6th	Four Lakes	336985.0	24
1998	13	100311.0	9th	Kettle Moraine	474800.0	28
1999	7	60749.0	11th	Four Lakes	499189.0	24
2000	13	98568.0	11th	Fond du Lac	523399.0	28
2001	12	146747.0	9th	Four Lakes	639958.0	25
2002	12	99100.5	11th	Bay Area Wireless	627279.0	23
2003	11	142946.5	10th	Fond du Lac	714889.5	27
2004	10	111898.0	8th	Fond du Lac	425414.0	22
2005	9	207604.5	9th	Fond du Lac	497489.5	26
2006	10	140949.0	7th	Fond du Lac	466739.0	27
2007	7	152521.5	7th	Ozaukee	478906.5	23
2008	14	191925.0	7th	Fond du Lac	555168.5	25
2009	10	214368.0	6th	Fond du Lac	517506.5	29
2010	8	176908.5	10th	Fond du Lac	977185.0	30

(Continued on page 5)



From the Minutes...

*By Lynn Tamblyn, K9KR
Secretary*

**Minutes of the General Meeting
June 8, 2010**

The meeting was called to order at approximately 7:05 PM by President Howard Smith.

Minutes – By motion, minutes of the May meeting were approved as published in the latest issue of Hamtrix.

The focus of the meeting was field day preparation. The group reviewed pictures and video of prior WARAC field day events. Howard Smith and Chuck Dellis gave a presentation for 2010 WARAC Field Day logistics. Several group discussions occurred regarding antenna setup, station locations, equipment, and generator deployment.

By motion, the meeting was adjourned at approximately 8:15 PM.

*For the Secretary,
Chuck Dellis, W9WLX*

There was no Board Meeting in June



Chuck, W9WLX; Terry Schima, KC9SMT; Dave, WB9GZP and Bob, KC9AGX are distracted from their FD setup work.

Dick, W9JBE, and four "helpers" pose for a Field Day mug shot as Dick prepares his satellite setup. From left, John, N9LGD; George, AA9SR; Dick, W9JBE; Bob, KC9AGX and Lynn, K9KR.



WARAC Officers and Board

President	J. Howard Smith, WA9AXQ	414.425-5626
Vice President	Thomas W. Macon, K9BTQ	414.543-3878
Secretary	Lynn C. Tamblyn, K9KR	262.534-9655
Treasurer	Chuck Craven, WB9PUB	262.642-7628
Director (2011)	Frank Humpal, KA9FZR	414.425-0794
Director (2010)	George Dunco, AA9SR	262.782-6325
Director (1 year)	Chuck Dellis, W9WLX	414.543-1134
Board Chairperson	J. Howard Smith, WA9AXQ	414.425-5626

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FIELD DAY 2010 IS HISTORY

By Tom Macon, K9BTQ

With our emphasis on operator training for this second year, our Field Day scores are not what they were in previous years. This year we accumulated a total of 668 QSO's, down from 745 in 2009. But there's another important measure that relates to our operator training mission – number of visitors.



Four recently licensed hams participated, most of whom were also at our Basic Contesting Class on the Tuesday before FD. They were Terry Schima, KC9SMT, husband/wife team Dean and Darlene Berglund, KC9REN and KC9SBN, respectively, and Jim Kehoss, KC9RNY. In addition, two of last year's trainees, Brian Ganiere, KC9LYZ, and Jeff Tamblyn, KC9NPZ, (Lynn's son) joined us again this year. All-in-all, visitors accounted for 117 QSO's, about 18% of our total.

We were also visited by several other distinguished guests. They included Red Cross representative Tom Barnum, KC9ALL; Milwaukee-Florida Net member Dick Klein, N9CM, and past club members Floyd Urbanski, AB9EX; Les Hundt, AB9EY; Dave Garnier, WB9OWN; and Doug Awe, N9VA. N9CM hails from Beaver Dam and is now retired in the Tampa, Florida area. He was visiting family in the area and stopped by to check out our FD operation.

Scoring Details							
Mode	Band						Total
	6	10	15	20	40	80	
CW	0	0	7	13	27	37	84
PH	65	69	78	191	94	87	584
Total	65	69	85	204	121	124	668

This year we again fielded two HF stations and a VHF station, as we have in recent years. The 75/20/10 meter station used the DAP tri-band rotary dipole and two criss-crossed inverted V's for 75 meters. This station was set up in an RV belonging to John, N9LGD, and it contributed 397 Q's to our total count.

The 40/15-meter station was again located in Mike, N9ESC's camper. Antennas were an Alpha-Delta multi-band dipole and a second DAP that was used on 15 meters. This station contributed 206 Q's.

The VHF station was set up in a tent supplied by Frank, WA9FZR, and was located near the larger food tent. This station operated on 6-meters and contributed 65 QSO's to the totals. Conditions were fairly good this year, with 6-meters, 10-meters and 15-meters showing activity.

Weather was good on Saturday for setup, though a bit warm. A late afternoon lake breeze kicked in and made the evening quite com-



Guest op Dick Klein, N9CM, operates on 20 meter phone during his visit on Saturday afternoon. Too bad we couldn't get you on CW, Dick.

(Continued on page 6)

Ham Happenings

Around the area

Ozaukee Radio Club

Wed, July 14
7:30PM

Grafton Senior Center
1665 7th. Ave.
Grafton

CQ3TUE Lunch

Tues. July 20
11:15AM

Old Country Buffet
16750 W Bluemound Rd

Wisconsin Amateur Radio Club

Wed. July 28
7:30PM

Germantown Police Dept
N112 W16877 Mequon Road
Germantown

Milwaukee Radio Amateur Club (MRAC)

Thurs. July 29
7:00PM

Redemption Lutheran Church
4057 N. Mayfair Rd

South Milwaukee Amateur Radio Club

Wed. August 4
7:00PM

Legion Post 434
9327 S Shepard Ave
Oak Creek

Amateur Radio Testing

Saturday, July 31
9:30AM

Amateur Electronic Supply
5720 W. Good Hope Rd.
Milwaukee, WI

NOTE

Please do not contact meeting places for information.

WARAC David Knaus Memorial Scholarship

Note: The application deadline previously listed in this sidebar was incorrect. The deadline for the 2010 scholarship was March 31, 2010.

Available to licensed Amateurs who are Wisconsin residents pursuing an Associate, Bachelor's or Graduate degree in any course of study. The next application deadline is March 31, 2011.

Visit the [FAR website](#) for additional information and application forms.

WARAC 2-Meter Net

Since we no longer have a repeater, our off-meeting night net has moved to 147.42 simplex. Please make a note of it!

- 7:00 PM
- 1st, 3rd and 5th Tuesdays
- 147.42 simplex

Thanks!



Thanks and a tip of the editor's hat to the following contributors to this month's issue of **Hamtrix**

Lynn Tamblin, K9KR
Chuck Craven, WB9PUB



Write an Article
This means
You!
Please??

Upcoming Meeting Programs

July 13

RF Aspects of Utility Metering

By George Dunco, AA9SR

August 10

K5D Desecheo Island DXpedition

By Ron Gorski, N9AU

September 14

Home Brew Show and Tell

by Chuck Craven, WB9PUB

I need your help with this program!

Please bring in one or more of your home built projects and give a short description of it – that's all. You can talk about why you did the project, where you got it from and how you use it. If it's too large to bring in, bring pictures on a USB thumb drive (JPEG format). Or bring your own Power Point presentation (2007 or older format). I will have my laptop computer there to show the pictures/presentation. All projects are welcome as long as they are ham radio related.

- Chuck Craven, WB9PUB

Program suggestions?

Let us know - Contact a Board member!

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Scuttlebutt...

- We are sad to report the passing of John, N9LGD's mother on June 18. John, please accept our sympathy.
- Gene Wierzbicki, W9RYT, was recently hospitalized for a few days. He's doing well and has been discharged.
- Congratulations to Chuck, WB9PUB, our club's Alphabet Contest winner. Congrats also to George, AA9SR, the runner-up. The Alphabet Contest ended June 1.
- Two of our members placed in the overall Top Ten in the ARRL 10 Meter Contest results published in the July issue of QST. Chuck, WB9PUB, ranked fourth in the Phone only, low power W/VE class, and John, K9IAC, ranked 10th in the same class. Congratulations, guys! In addition, WARAC's club score ranked fourth in the Affiliated Club, Local category with 8 members scoring 105,314 total points. See pages 86 and 87.

Do you have news that isn't listed here? It won't be if ye editor doesn't know about it - call or email Tom, K9BTQ!

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WARAC in WIQP

(Continued from page 1)

As you can see, we have had some good years and some not so good years, and a few in between.

What a difference a year makes. Last year WARAC scored our highest ever accumulated score total as part of the annual Wisconsin Club Competition part of the Wisconsin QSO Party that your club has sponsored since 1979. Ten members pooled their scores for a 214,368-point total.

As you can see from the last line of the table (a sort of sneak preview), WARAC did not do as well this year. The overall score total was down from the last two years, and we dropped to 10th place overall in Club Competition. The better news is that we did a pretty decent score total with only 8 members.

This year I was kind of disappointed, as I reported to the Board at a past monthly meeting. I only found 8 members that sent in logs. I did see other club member calls in the logs of WIQP participants, but never got an entry from them. I wonder why? They participate and do not enter? I thought our members would be proud to be part of the club that sponsors such a popular event each year for the last 31 years.

Since this article is about WARAC participation, I will move on to the second item - to talk about individual efforts by those 8 club members that did enter.

Of the 176,908.5 points total WARAC had, the first 52,200 points came from the entry of K9BTQ, Tom Macon, who ran an amplifier this year, I believe for the first time ever? The amp put him into the HIGH power class. However, it really helped him do a lot better. He did a Single Operator entry, making 454 phone Qs, 34 CW Qs, and 100 multipliers, consisting of 54 WI counties, 43 states and 3 Canadian Provinces. That puts him in first place among those 8 club members. Congrats, Tom.

The next 38,880 points came from WB9PUB, Chuck Craven. He did a low power entry in the Single Operator category, making 324 phone Qs, with 44 WI counties, 35 states and one Canadian Province, for 80 multipliers.

The next 37,560 points came from W9NAW, Phil Gural, also a low power Single Operator entry. Phil did 313 phone Qs, and 80 multipliers also, consisting of 49 WI counties, 30 states and one Canadian Province.

The next 24,664.5 points came from W9WLX, Chuck

Dellis. Chuck deviated from the pack, so to speak, in that he submitted a low power single-op entry in the new Beginner category, since Chuck is new to contesting. His BEG entry was one of seven received. Chuck did 137 phone Qs and 62 CW Qs, with 63 multipliers consisting of 44 WI counties, 18 states and one Canadian Province.

Next up is yours truly, who also deviated from the pack. Number 3 son is Jeff, KC9NPZ. I had been talking with him about joining up and doing a low power mobile entry. Plans gelled. We loaded up his van with HF and VHF antennas and radios. Our plan was to do 14 to 15 counties, going up along the west side of Lake Winnebago, over the top, and down the east side. Time ran out. We only did nine. We parked and I operated HF while he did VHF. Then while we drove to the next stop, I did the VHF part to keep a signal on the air. It was quite an experience, and one I would recommend to all. Anyway, we entered the Multi Operator Multi Transmitter Mobile category, doing 176 phone Qs and 9 CW Qs. We managed to work 32 WI counties, nine states and one Canadian Province, for 42 multipliers. Oh yes, we did 16,155 points of the club total. And if you never did a mobile trip, it is way too much fun not to try.

Next on the list with 4,051.5 points is George Dunco, AA9SR, as a Single Operator low power entry. He had 73 phone Qs, with 29 WI counties, and 8 states, for a 37 multiplier total.

Howard Smith, WA9AXQ, was also a low power Single Operator entry.

His 65 phone Qs and a multiplier total of 33, broken down as 25 WI counties, 7 states and one Canadian Province, earned him 3,217.5 points of the WARAC total.

Dave Engelmann, WB9GZP, earned the final 180 points of the club total, also as a low power Single Operator entry. He did 15 phone Qs, with 4 WI counties, three states and one Canadian Province, for an 8-multiplier total.

We all need to congratulate all of our club WIQP Club Competition entrants. Perhaps next year we will find a lot more of our club members who choose to participate. WIQP is a lot of fun, and only seven hours long. It really does seem like it is over almost before it gets started, but in those seven hours, the top participants are doing up to 100 contacts an hour. Try it. You will like it. And then send in your entry. C U in 2011 WIQP.

Support your club - Reserve the date now

2011 Wisconsin QSO Party

Sunday, March 13, 2011



July 14 - Tom Macon, K9BFC
 July 18 - John Westmayer, N9LGD
 July 27 - Bob Zach, KC9AGX
 August 5 - Greg Hudziak, N9CEH
 August 8 - Bob Scrip, WD9ANY



www.warac.org

*Wedding
 Anniversaries*

July 19 - Jim and Sharon White
 July 20 - Dick and Lynn Barcz
 August 2 - Phil and Phyllis Tollefson

Field Day 2010

(Continued from page 3)

portable. We experienced a storm just before daybreak, however, with sufficient lightning to shut us down. Fortunately, it didn't last too long and we were back on the air within an hour or so. The storm brought us pretty high QRN levels on the lower HF bands, as one would expect. The weather took another shot at us with a mid-morning shower on Sunday, but no lightning this time. Things were fairly well dried up by takedown time.

Setup was accomplished in good shape with the major work done by 11:30, an hour and a half before the contest began. Takedown also went well – I was the last one to leave the site at 2:45PM.



Howard and Vickie once again did a fine job of keeping us from getting hungry.

Besides operating, the food was a focal point of the event. Howard served lunch about 12:30PM on Saturday and we were ready to go get 'em!

Jim White's now-famous Field Day chili, prepared by Howard, WA9AXQ and XYL Vicki, hit the spot as usual. Besides the chili, brats and burgers rounded out the Saturday evening meal, along with Vicki's brownies for dessert. Lunch on Sunday offered a final opportunity to enjoy chili and brats. Phil, W9NAW, provided coffee overnight and donuts on Sunday morning.

What did you think of Field Day for 2010? Please forward your comments to me or other Board members. And again, a great big thank you to everyone who participated

and I hope y'all had fun!

President's Shack

(Continued from page 1)

My original intent was that this would have encouraged some additional members to get on the air, and make some QSO's. I would like any suggestions that anyone has that would make this contest something that more members would like to participate in. I would like to do it again in the spring. Be sure to congratulate Chuck and George.

Last year, a nominating committee was set up to identify members who would like to be considered for Officers or Board members for our club. This committee will be set up again this year, and I am looking for one club member to volunteer to be on the committee. The other two members will be selected from the current officers and board members. This is an important committee

with an important task to complete. If you would like to volunteer for the committee, or you have an interest in becoming an officer or a board member, please let me know. The annual club elections are during the October meeting, and that is just a short three months away.

For many years, electric and gas meters were read by a person who walked through the neighborhoods to accomplish this task. Later, the interval changed from each month to every other month and a reading estimate was made for the months that were not read. Today, it seems that the meter reader has become extinct, replaced by electronics. The program, "Using RF to read utility meters", presented by George, AA9SR, will tell us how it is done today.

See you at the meeting.
 Howard, WA9AXQ
