

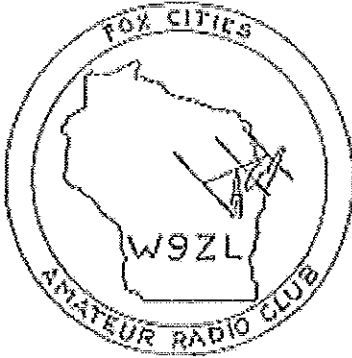
# THE FOX CITIES AMATEUR RADIO CLUB

## QSO'ER

Club Station "W9ZL"

318 East Brewster Street  
Appleton, WI 54911  
ARRL Club #2132

Special Service Club



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## OFFICERS

President:			
Myron Jackson	WB9BBI	739-9680	
Vice President:			
Bob Cleveland	WD9HID	725-7694	
Secretary:			
Mark Heimmermann	KF9CS	749-9024	
Treasurer:			
Les Pardee	KA9MPP	766-1750	
Membership Coordinator:			
Jeff Schmeichel	KB9BYP	731-7338	
Members at large:			
Donald Dean	N8IOJ	729-1377	
David Sachs	AA9GF	738-1892	
Martha Schmeichel	N9JAD	731-7338	

## JUNE'S PROGRAM

No program is scheduled for the June meeting. The Fox Valley VHF Association will hold its yearly meeting after the June club meeting.

The Evangel Community Church Food Pantry located in Menasha is in need of our help again. They are in need of all types of non-perishable goods (except green beans and peas).

Their numbers are growing at an alarming rate. Currently they serve between 45 to 55 families a week. Sometimes well over 60. The food pantry is open all day Wednesday and Thursday mornings. Any questions call Kate Dean 729-1377. (N8IOJ/xyl)

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## SPECIAL THANKS

We want to give special thanks to all the members who volunteered to place their names on the ballot. We all appreciate your commitment to our club. We also say thanks to the nominating and election committees for their fine jobs. Finally, thanks to the old officers who worked to maintain and improve our club during their terms. The officers leaving include: Karen (WB9ZNA), Larry (KD9IA), Wayne (WD9FLJ) and Rick (WX9C).

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The Fox Cities Amateur Radio Club "W9ZL" meets on the 3<sup>rd</sup> Monday of every month. The meeting place is Roosevelt Junior High school. Meeting time is 7:00 P.M.

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## QSL INFORMATION

Jack, KA9JOL is the club contact person for all QSL information. Give Jack a call if you need help finding a call. He will return all messages. Jack's number is 766-3861.

Also Bob, KA9JAC has the North American QSL information on CD-ROM on his BBS on the frequency of 144.970 and 145.650 for you packet lovers. You can also call Bob at home at 722-0881.

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## W9GIU \*\*SILENT KEY\*\*

It is with deep regret that I report the passing of Jim Deal, W9GIU. Jim became a silent key on Saturday May 22, 1993 at the age of 87. Jim was still an active member of the amateur community and the Fox Cities Amateur Radio Club. Jim will be missed by all who new him.

# CQ CQ CQ DE WB9BBI

## Notes from the President

First of all thank you for the vote of confidence in electing your new leadership. I am sure that I speak for all of the newly elected, as well as those officers in their continuing terms when I say "we'll try to make this radio club the best it can be". With the cooperation and involvement of all members I am sure it will be.

In this first presidents article I hope to clarify my feelings as to goals and direction of the club as well as defining to some extent, rights and responsibilities of our members. I might say from the outset that while observing and noting member participation, contribution, and attitudes for the past four years, I am at times proud, at times embarrassed, and at times disappointed. From our bylaws letter C under purpose reads " The purpose of the club shall be : (1) promote good operating procedures, experimentation and activities on all amateur radio bands, (2) promote and enhance amateur radio as a hobby." From the handbook of amateur radio the five principles of amateur radio are as follows "Recognition of emergency communications, advancement of the radio art, improvement of communications and technical skills, increase in the number of trained radio operators and electronics experts, and the enhancement of international good will." To this list I'd like to add "Show respect to others, get involved, invite and encourage those new to the hobby.

We all know that it is our members who assume the leadership roles. We all know that as leaders people take responsibilities and often lay their neck on the line for the good of the group. Leaders try to lead, be enthusiastic, contribute beyond the average and promote the service of amateur radio. It is sometimes embarrassing at club meetings because of some members whose attitude is self centered and whose negative comments are made while hiding behind the broader shoulders of others. Cheap shots and Monday morning quarter backs are easy but do little to enhance the general goals and philosophy of amateur radio. It is sometimes disappointing when participation of the membership is low for many of the activities we as a club say we promote.

I sometimes wonder why people will join a club such as ours when they seldom choose to work on any committee, often complain about the way things are done and give little of themselves to help the club grow or promote the stated philosophy of amateur radio. Don't you!!!

The club meetings for the next two years will take a new focus. The focal point will be the program not the business meeting. The business meeting will be from fifteen to twenty

minutes at most and will consist of reports from the various committees. For those who choose to leave before the program, well it will be a short evening out! It is not intended that the club meeting will be a forum for a gripe session. When we consider guests, new members, and old members for that matter, gripe sessions are a real turn off and embarrassment. A program committee is being formed which I expect will provide a variety of programs that will hopefully be new and interesting and encourage members to stay and some missing faces to return. The programs will center around amateur radio and cover topics that will be informative to the novice and guest and hopefully will be interesting to the old timer. If you are interested in being on the committee let me know.

For those who have a concern and want to express your point of view, I would like you to know that you are welcome at the board meeting. If you have a gripe, or a philosophical point of view that seems to run contrary to those stated or implied by the club you are welcome. I would like the board meeting to be the forum rather than the club meeting. Formulate your statement, come by yourself or in mass and express your concern up front.

A budget review committee is in the developmental stages and people are being called to evaluate our position. From barely heard remarks and nearly hidden comments from the less than bold it is clear to me that we need to reevaluate the budget. Sure we have some bucks and sure we are a non-profit organization but complaining in the background offers nothing. If you are asked to be on the committee please consider. If you are not asked but have some strong feelings, please formulate your position and present it to me or the committee.

Our club has much to offer, yet only its members can improve it. You are a member! My old preacher once said "check the spelling in the word CH CH." If you enter the missing letters what are they. If you find that UR missing or that UR missing out, UR the only person who can change it. Get involved. We can have a great time. You have many opportunities to make the club great. If the club does not meet your expectations, if activities don't suit you, if the leadership leaves you wanting then do something. Like a math problem, the outcome is the sum of the parts. You may be a part of the problem but you are certainly a part of the solution.

My hat is off to those many of you who take pride in your hobby and yourself to the extend that you have contributed to the spirit of amateur radio and our organization.

Mike WB9BBI

# MEETING MINUTES

The May meeting was called to order by president Karen Thorne at 7:00 p.m. The meeting was held at Roosevelt Jr. High School.

Approval of the minutes:

Minutes were read and approved.



Treasurer's report:

Balance as of the May meeting was \$3043.65  
Plus the hamfest fund of \$ 600.00

## INFORMATIONAL ITEMS

### EMERGENCY COMMUNICATIONS:

Bill, KB9ENO reported on a weather net that was conducted. It was our first weather net of the season. Outagamie Communication Center now has 2 meters and soon to have packet. Bill noted they are trying to get another antenna on the roof for the 2 radios. There are now 8 people trained to enter the Communication Center.

Wayne, WD9FLJ. The wide area net weather net will include 24 counties. During the Green Bay meeting it was determined that the wide area net will be held on the 147.120 repeater. The Brown County net is held on the 147.27 or 36. The 147.27 repeater will be linked to the Wabeno machine 145.11. During the weather net there were check-ins from Eagle River. During a weather net the 147.12 machine is restricted for the net. The national weather Service was present at the meeting. The next meeting will be held in October, where the activities for the previous storm season will be reviewed.

### NON-EMERGENCY COMMUNICATIONS:

Bob, WD9HID passed around some sign-up sheets for some upcoming events that still need communications for. The events that still need some people are:

- Tri-athlon July 3
- Venetian Boat Parade July 4
- Fox Cities Marathon Oct 10

Contact Bob, WD9HID, if you are interested in helping out with any of these events.

### FIELD DAY:

The Green Bay Mike and Key club are participating in Field Day June 26 & 27. Field day is being held this year again at the Brown County Fairgrounds. They will have 4 stations, some ATV and 3 towers. There will be a steak fry Saturday night. The cost is \$7 to \$8 in advance (quantity limited). After the stations are taken down on Sunday, there will be a turkey dinner. Please bring a dish to pass. Everyone is welcome to operate, see the sights or rag-chew. Contact Bob, KA9BXF, for more information.

## OLD BUSINESS

### ADVERTISERS:

Dave, AA9FG reported on the status of getting advertisers for the newsletter. So far, Dave has a commitment from about 5 companies. He hopes to have a list of 10 by next month's meeting. Way to go Dave!

### BY-LAW CHANGE:

A motion was made, seconded and approved for the by-law shown below.

"In the spirit of the clubs purpose, the 'Don Baker NB9J Memorial Ham of the Year Award' shall be selected by secret ballot, by popular vote of those attending the December club meeting. The award to be awarded at the Annual Dinner & Awards Banquet."

## NEW BUSINESS

### TROPHY:

Mike, WB9BBI presented a trophy to Bill, KB9ENO, for his efforts on the Education Committee. Congratulations Bill.

### NEWSLETTER COMMITTEE:

Wayne, WD9FLJ explained the function and members of the Newsletter Committee. The committee was formed to help maintain a quality newsletter as done by the previous club secretaries. The members of the committee have volunteered to write articles and editorials in their particular area of interest. The secretary is responsible to gather all this information and generate the newsletter. If anyone would like to join the committee please contact one of the members. If you have an article you want published get it to the secretary.

Articles are due before the first Monday of the month.

Submit your articles in printed form or preferably an IBM-PC disk or on packet. Current newsletter committee includes:

Wayne - WD9FLJ	EAA, Emergency
Rich - WX9C	Technical
Larry - KD9IA	VE testing, ...
Mark - KF9CS	Editor, Minutes
Mike - WB9BBI	President's Note
Bob - N9NUP	Production & Support

## BY-LAW CHANGE:

A motion was made to change Article 3 Section 2 to allow one month between the nominations and the elections. The month for nominations would be changed from April to March. The extra month allows the nominees a month to campaign for office. The motion was seconded and approved.

## ELECTION RESULTS:

President:	Myron Jackson
Secretary:	Mark Heimmermann
Membership Coord:	Jeff Schmeichel
Members at Large:	Donald Dean
	David Sachs
	Martha Schmeichel

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## The FOX Hides Again

On May 27, 1993, Chuck Hanson (N9OEQ) and Bill Vincent (N9TNW) set out to begin an amateur radio operators game of hide and seek. It was about 5:30 p.m. when Bill and Chuck were loading their cars full of the necessary stuff, like a dual band transmitter, yards of coax cable, two almost invisible ground plane antennas, a very heavy deep cycle battery, three HT's, and, oh yes, don't forget the cookies and soda!

After the cars were loaded, they proceeded to drive to Telulah park in Appleton. This was one of the locations which was "inspected" a few days earlier. It was determined by Chuck and Bill that Telulah park offered good coverage for the Fox Hunt. The cars were then unloaded and the equipment was set up. The frequency was adjusted to 147.550, the "official hunt frequency". The cross band frequency was set. The radios were turned on and checked for proper operation. We had to limit the live "on air" testing so as not to give our location away to any "early" hunters. Even by doing that, there were some "sly" hunters out there trying to trick the FOX into talking too much!

The time was now 6:15 p.m., 45 minutes to go...and nothing to do but wait. Well that's not exactly true...the cookies and soda needed testing.

At 7 p.m. sharp the call went out, "CQ CQ CQ this is N9OEQ calling CQ for the Fox Cities Amateur Radio Club Fox Hunt do I have any check-ins?" As soon I let up on the mike button I heard Larry (KD9IA), Gary (ND9Z), and Kathy (N9FZL), and Mike (WB9BBI).

**The hunt was on!**

Within five minutes of the starting time KD9IA drove into the park! He hopped out of his truck and ran into the woods, not to be seen again for many minutes. While Larry was wandering around the woods, I received more check-ins. Wayne (WD9FLJ), Chad (N9PRC), Scott (KB9AMM) and Mark (KF9CS).

Larry (KD9IA) came out of the woods after finding the transmitter at 7:21 p.m.! Congratulations, Larry, you are the FOX for next month.

I received a two more check-ins from Bob (N9RQI) and Pat (N9LPM). By now the time was 7:22 p.m. and there were quite a few hunters walking around the park holding all kinds of strange looking contraptions. During the next 15 minutes, six of the hunters "sniffed out" the transmitter. They were Mark (KF9CS) at 7:23, Pat (N9LPM) at 7:30, Bob (N9RQI) at 7:32, Mike (WB9BBI) at 7:34, Scott (KB9AMM) at 7:34, Gary (ND9Z) and Kathy (N9FZL) at 7:36.

As many of the hunters were enjoying the cookies and having a can of soda, I was talking on the radio with Wayne and Chad. They seemed like they were on a tour of Appleton. Earlier in the hunt, I saw them drive into the park and then leave, but eventually they came back. When I called for any more check-ins, Paul (N9QLO) and Jason (N9PAV) answered. It was 7:41 and these guys were on Highway 41 coming down from Green Bay. While I continued to talk with Paul and Jason, Wayne and Chad were "seeing" a lot of Telulah park. They were all over the place! Finally, after a visit to the woods at 7:56, Wayne (WD9FLJ) and Chad (N9PRC) found the transmitter and joined the rest of the hams at the pavilion.

After talking with Paul and Jason for almost half an hour, they arrived at the park. Once there, they located the transmitter quite quickly. Jason (N9PAV) found it at 8:27 and Paul (N9QLO) located it at 8:34.

This was the first time Bill and I put on a FOX hunt. We were glad to see such a nice turn out. I hope everyone that participated enjoyed themselves and will tell other hams about the fun they had.

If there are any hams out there that feel they can't join in the fun because they don't have special directional finding equipment, please keep in mind the first person that located the hidden transmitter was only using an HT!

**This month's Fox Hunt is June 24th**

Please join us this month for the Fox Cities Amateur Radio Club's Fox Hunt, Larry (KD9IA) will be calling for check-ins on 147.550 at 7 p.m. sharp. Following the hunt there will be a brat cook out, so find the Fox's transmitter quickly and plan on enjoying some very tasty food.

Submitted by Chuck Hanson N9OEQ

# TEST SESSIONS

Thanks to these VEs who gave their time for this session.

June 26, 93 West Allis Wis  
 June 26, 93 Tomahawk, Wis.  
 July 10, 93 Madison, Wis.  
 July 10, 93 Marshfield Wis.  
 July 10, 93 Oak Creek, Wis.  
 July 31, 93 West Allis, Wis.  
 July 31, 93 Tomahawk, Wis.  
 Aug. 9, 93 Appleton, Wis.  
 Aug. 14, 93 Madison, Wis.  
 Aug. 14, 93 River Falls Wis  
 Aug. 14, 93 Oak Creek, Wis.  
 Aug. 18, 93 West Allis, Wis.  
 Aug. 28, 93 West Allis, Wis.  
 Aug. 28, 93 Tomahawk, Wis.  
 Sept. 4, 93 Racine, Wis.  
 Sept. 11, 93 Madison, Wis.  
 Sept. 11, 93 Marshfield, Wis.  
 Sept. 11, 93 Oak, Creek, Wis.  
 Sept. 15, 93 West Allis, Wis.  
 Sept. 25, 93 West Allis, Wis.  
 Sept. 25, 93 Tomahawk, Wis.  
 Oct. 2, 93 Racine, Wis.  
 Oct. 9, 93 Oak Creek, Wis.  
 Oct. 9, 93 Madison, Wis.  
 Oct. 9, 93 River Falls, Wis.  
 Oct. 20, 93 West Allis, Wis.  
 Oct. 30, 93 West Allis, Wis.

W9MDP	George Croy	Liaison
KA9MPP	Les Pardee	
N9AYN	Gerald Clusen	
N9LWI	Tom Priest	Green Bay
WY9E	Jim Promis	Green Bay
WB9OBX	Ken Tate	Manitowoc
KA9ZTF	Carl Olson	Manitowoc
NZ9Z	John Meyer	Manitowoc
WN9Q	David Jaeger	Manitowoc
KB9ENO	Bill Niemuth	
ND9Z	Gary Keating	

Information Provided By:  
 George Croy W9MDP  
 Fox Cities VE Team Liaison

## EAA W9ZL SPECIAL EVENT STATION

This year's W9ZL hamshack promises to be even more fun than last year's station. It is truly a pleasure to operate from the Special Event site of Pioneer Airport. One gets to see a lot of fly-bys, greet a lot of visitors, and really become a part of this magnificent fly-in and convention. Many times I've said to our operators as we see one-of-a-kind aircraft fly over Pioneer Hamshack... "nowhere else in the world" and that unique feeling is shared again, and again during our annual event. It is a real satisfying feeling too... to know that we play another important part in the fly-in and that is to provide on-site convention information to the ham community that visit there. And also, to handle formal traffic into and out of the convention.

I will be signing up operators at the next club meeting for this year's station. Please consider joining us at Pioneer, we need help in all areas..... set-up, operating, QSLing, take-down, and of course, we have never had too many hands yet! Only one word of caution..... if you plan to operate.... please have some idea as to the day you would like to operate, and whether you'd want an a.m. or p.m. shift. I need to know that so that I can schedule and make room for all that are there at the same time. So, give it some thought and sign up at the meeting. It is a great chance to become a part of aviation, and a terrific time for all!

## ARRL/VEC TEST SESSION REPORT

	Manitowoc, Wis May, 8, 1993							
	1A	1B	1C	2	3A	3B	4A	4B
Pass	2	4	1	10	21	6	2	3
Fail	1	5	4	2	6	3	2	1
<b>Total</b>	<b>3</b>	<b>9</b>	<b>5</b>	<b>12</b>	<b>27</b>	<b>9</b>	<b>4</b>	<b>4</b>

Total Elements Passed	49
Total Elements Failed	24
<b>Total Elements Given</b>	<b>73</b>

## UPGRADES

Novice	0
Tech (Codeless)	15
Tech W/HF	7
General	4
Advanced	2
Extra	1
<b>Total Upgrades</b>	<b>29</b>

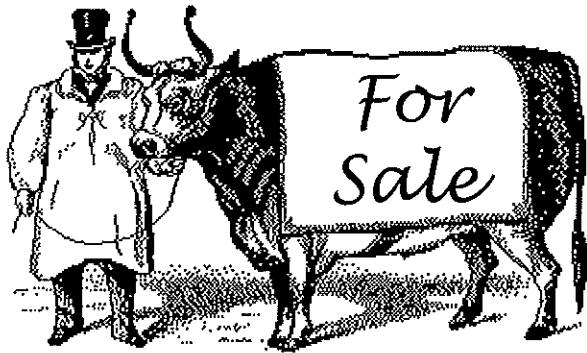
Total candidates served at this session was 46.

## W9ZL EAA SPECIAL EVENT SCHEDULE

Saturday, July 24 (a.m.)	Set up antenna, shack
Thursday, July 29 8am - 6pm	Operate
Friday, July 30 8am - 6pm	Operate
Saturday, July 31 8am - 6pm	Operate
Sunday, Aug. 1 8am - 4pm	Operate
	4pm
Monday, Sept. 13 5pm - ???	Take-down
	QSL party/cookout

See you all at the club meeting on June 21.

73, Wayne Pennings, WD9FLJ



## MEMBERS AND GUESTS PRESENT

### WANTED

- Want to buy or rent an 8mm and a super 8mm movie projector.  
Contact: Don Dean, N8IOJ 729-1377.

### FOR SALE

- Kenwood TH2500 ht and 2 battery packs.  
Call Rick, WX9C at 735-9557.

### WANTED

- Looking for some old 2 meter equipment, even some old crystal controlled stuff.  
Call Greg W9IEI.

### WANTED

- Looking for 5 to 10 ft. piece of micro cord 4 conductor braided shielded wire.  
Call Dale Mithler, WB9YCO at 766-0354

### FOR SALE

- Cushcraft AV-5 vertical 10-80 meters.  
Contact George Croy at 832-6276 (school)

### FOR SALE

- Yaesu SWR & power meter 1.6-60 MHz. YS-60 (Brand New).
- Kenwood antenna tuner AT-130.
- Homemade computer table with upper shelf and bottom paper shelf made from kitchen counter top. NB9J had it made.  
Contact KD9IA at 788-3823

### WANTED

- Pillsbury Bake-Off cookbooks and also interested in Pillsbury Classic Cookbook collection. Any year (especially prior to 1975 - bake off 1 through 26).  
Contact Kate Dean, xyl of Don, N8IOJ at 729-1377

1.	Larry Siebers	KD9IA
2.	Lester Pardee	KA9MPP
3.	Bob Cleveland	WD9HID
4.	Karen Thorne	WB9ZNA
5.	Kate Dean	N8IOJ/xyl
6.	Don Dean	N8IOJ
7.	Bob Gillette	W9EYT
8.	Mike Jackson	WB9BBI
9.	Russ Miller	N9PJN
10.	Dan Bayer	WB9QFX
11.	Jack Bigelow	KA9JOL
12.	Kelly Miller	N9RQK
13.	Bill Vincent	waiting...
14.	Dave Kirsling	KD9GM
15.	Jim Eggert	N9RWM
16.	Frank Eggert	KB9GI
17.	Jim Deal	W9GIU
18.	Ralph Ballinger	N9ECS
19.	Dave Sachs	AA9GF
20.	Chuck Milam	KF9FR
21.	Mark Michel	W9OP
22.	Gerry Radtke	WA9GON
23.	Joan Michel	WB9YOT
24.	Bob Gedemer	KA9JAC
25.	Michelle Smith	N9QZE
26.	Mike Smith	N9IAT
27.	Hal Sieth	NQ9F
28.	Mary Sieth	NA9F/xyl
29.	Bob Thorne	K9DAF
30.	Bob Duescher	KA9BYG
31.	Bob Neimy	KB9HLA
32.	Don Hameister	---
33.	Bob Kallio	N9NUP
34.	Dan Vanevenhoven	K9LVS
35.	Martha Schmeichel	N9JAD
36.	Dan Schmeichel	N9LWK
37.	Mike Clement	WR9P
38.	Maury Mead	W9FBC
39.	Bill Niemuth	KB9ENO
40.	Pauline Cleveland	WD9GRL
41.	Mark Heimmermann	KF9CS
42.	Wayne Pennings	WD9FLJ
43.	Chad Pennings	N9PRC
44.	Richard Kosiorek	WX9C
45.	Curtis Kruzel	---
46.	Cathy Keating	N9FZL

# ◆ Fox Valley VHF Association ◆

145.33

146.76

443.65

June 1993

FOX VALLEY VHF ASSOCIATION 318 E. BREWSTER STREET APPLETON, WI. 54911

## Wayne's World ◆ Annual Meeting

I feel good about the FV VHF Association this year. I guess I'd even feel better if we got the .76 antenna up to the 350' level by now. But, this is scheduled to take place soon... and patience is a golden virtue!

The 145.33 repeater continues to be a work-horse (take it from me... I test it daily) and has a very good range for it's location. By popular demand, I have shortened the IDer and brought the speed up to 20 wpm. We continue to thank the Beason Family (WD9ITB) for the addition of this machine to the Association's assets. And I assure them that Eddie's memory is strong and about in the Fox Valley ham radio community.

In my dealings with a lot of radio groups around the state, I've seen everything from petty jealousy to full-fledged wars among them. I feel that we are very lucky here in the Valley... We only have one repeater association to deal with. Our repeaters are in good working condition, and we don't have squabbles! We should be happy about that... I know that I am... and I hope that it stays that way too!

The most exciting thing that I've been involved with in the past year was the purchase of the W9DKY 443.65 UHF repeater. Talk about a deal! And... better yet... with the move to dual-banders, this was well timed to say the least.

I guess that you could say that I'm really radio-active... (W9IEI says that I'm not all that bright!) and I feel good to support the FV VHF Association. I hope that you feel that way too. It will be good to see all of your smiling faces at the meeting.

73 Wayne, WD9FLJ

## VHF Association to meet in June

The Fox Valley VHF Association will hold its annual meeting following the Fox Cities Amateur Radio Club June meeting. The date is Monday, June 21st. The time will be approximately 8 pm. VHF Association members are welcome to attend the radio club meeting. The location will be Roosevelt Junior High School, 318 E. Brewster St. Appleton. Take Wisconsin Ave. to Durkee St. and go two blocks north. The entrance to the meeting is on the Durkee St. side of the school.

The events of the past year will be discussed such as the purchase of the UHF repeater, the status of the 146.76 antenna project, and any new business brought up by the membership. This will be followed by the election of the Board of Directors. Nominees for the Board will be taken from the members present. Any member in good standing can be elected to the board. Only paid members for the 1993 - 94 year can participate in the election.

There has been a new addition to our family of repeaters in recent months. The Board purchased the 443.65 repeater from Keith, W9DKY. Keith is moving from the area and wanted to sell the UHF repeater. He gave us a very good price and a payment plan which enabled us to pay half down and still have enough money for the 146.76 antenna work. Give it a try.

The Board sought bids from three tower erection firms to relocate the 146.76 antenna to the large tower at the repeater site. The bids we received ranged from \$800 to \$1800. We hired OK Tower in Medford, WI. We hope the antenna work will be done by the time the meeting takes place.

Several years back the .76 repeater was having noise problems. It was found that the feedline had water in it. The antenna also need to be replaced. A new antenna was purchased and placed on a windmill type tower behind the repeater building until a new feedline and mounting hardware could be obtained. Because the site is state owned a million dollar insurance policy would be needed by anyone who would do work on the tower. Therefore it was necessary to obtain a professional tower erection company to do our antenna work.

Soon the antenna will be at it's new location 350 feet up. That will be 731 feet above Lake Winnebago. It will hear more activity from stations using the .76 repeater in Madison and even Chicago when conditions permit. To prevent this we will install a CTCSS board and set it for the North East region sub-audible tone plan of 107.2 (1B). Most radios in recent years have CTCSS capability and add on boards are very reasonable.

At the meeting we will also discuss raising yearly dues from the present \$10 to \$15.

## ◆ History

## 146.76 had many changes in 21 years

The 146.76 repeater got it's start in Spring of 1972. It had a receive frequency of 146.34 before the ARRL set the standard of a 600 Khz split for two meter repeaters. It also operated from a split site with the receiver in Kimberly and the transmitter on Northland Ave. near French Road in Grand Chute. The repeater was a GE tube type commercial repeater. It's first single site was at the home of Dave Melton. From there it went back to the Northland Ave. site to the home of Leo, W9ENJ. It's next home was the QTH of Bob, K9DAF before ending up at it's present location in 1976. The next .76 repeater was a VHF Engineering kit that was put together by Jim, K9OQO. The homebrew six cavity duplexer was replaced with a Sinclair four cavity model. This repeater served the ham community for several years before it was replaced by the current GE Master Executive. The repeater transmits 65 watts out of the duplexer.

The location of the .76 repeater is at the former state owned WHKW FM broadcast station. The station relocated to Green Bay and became WPNE. The state maintains the site which is located southeast of Stockbridge, WI. A benchmark below the 400 foot tower shows the ground elevation at 1128 feet above sea level. With the antenna located at 350 feet up it will over look the east shore of Lake Winnebago by about 731 feet.



The 145.33 repeater was owned by Ed, WD9ITB and operated from his home in Menasha. When Ed passed away his family donated the repeater to the VHF Association. It was located at the same site as 146.76 for a few years then moved to it's present site at Roosevelt Junior High School in Appleton. The repeater is a Motorola and runs about 80 watts out of the duplexers to a Hustler G-6 antenna about 80 feet high.



In February of this year we purchased the 443.65 UHF repeater from W9DKY. The repeater is a Uniden and operates from the Oneida Heights apartment building just north of downtown Appleton. It delivers about 20 watts to a Ringo that is attached to the penthouse roof. The Association pays the Appleton Housing Authority a site rental fee of \$100 a year. We would like to replace the antenna when we can afford it.

# REPEATER OPERATING PRACTICES

- 1) Monitor the Repeater to become familiar with any peculiarities in its operation.
- 2) To initiate a contact simply indicate that you are on frequency. Various geographical areas have different practices on making yourself heard, but generally, "This is WIAW monitoring" will suffice.
- 3) Identify legally; you must identify at the end of a transmission or series of transmissions and at least once each ten minutes during the communication.
- 4) Pause between transmissions. This allows other Hams to use the repeater (someone may have an emergency). On most repeaters a pause is necessary to reset the timer.
- 5) Keep transmissions short and thoughtful. Your monologue may prevent someone with an emergency from using the repeater. If your monologue is long enough, you may time out the repeater. Your transmissions are being heard by many listeners including non-Hams with "public service band" monitors or scanners; don't give a bad impression of our service.
- 6) Use simplex whenever possible. If you can complete your QSO on a direct frequency, there is no need to tie up the repeater and prevent others from using it.
- 7) Use the minimum amount of power necessary to maintain communications. This FCC regulation [97.313(a)] minimizes the possibility of accessing distant repeaters on the same frequency.
- 8) Don't break into a contact unless you have something to add. Interrupting is no more polite on the air than it is in person.
- 9) Repeaters are intended primarily to facilitate mobile operation. During the commuter rush hours, base stations should relinquish the repeater to mobile stations; some repeater groups have rules that specifically address this practice.
- 10) Many repeaters are equipped with autopatch facilities which, when properly accessed, connect the repeater to the telephone system to provide a public service. The FCC forbids using an autopatch for anything that could be construed as business communications. Nor should an autopatch be used to avoid a toll call. Do not use an autopatch where regular telephone service is available. Autopatch privileges that are abused may be rescinded.
- 11) All repeaters are assembled and maintained at considerable expense and inconvenience. Usually an individual or group is responsible, and those who are regular users of a repeater should support the efforts of keeping the repeater on the air.

# NEW MEMBERS

Please greet the following new members:

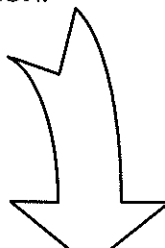
Donald Hameister (Technician)  
721 W. Winnebago Street  
Appleton, WI 54914

Michelle Smith N9QZE (Technician)  
Mike Smith N9IAT (Technician)  
216 Boad Street  
Menasha, WI 54952

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## MISSING IN (no) ACTION

Some of our members have been listed as missing in action. Please do not follow the same path as those (no) ACTION individuals. Always remember to check your mailing label. It indicates when your membership expires. Check today before you are listed as MISSING IN (no) ACTION.



93 / 07  
Fox Cities ARC Member N9AAA/KB9ZZZ  
JOHN & JANE DOE  
6009 N. BIG BEAM AVE.  
MOON BOUNCE, MT 12345



Respectfully submitted by:

*Mark KF9CS*

Mark Heimmermann KF9CS  
Fox Cities Amateur Radio Club Secretary...