

AMATEUR RADIO A NATIONAL RESOURCE

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FC-ARC QSO'ER JULY 1987

A FOX CITIES AMATEUR RADIO CLUB A  
R (SPECIAL SERVICE CLUB) R  
R CLUB STATION "W9ZL" R  
L 318 EAST BREWSTER STREET R  
L APPLETON, WISCONSIN 54911 L

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\*\*\*\*\* 1987 BOARD \*\*\*\*\*

PRESIDENT: LARRY SIEBERS KD9IA 788-3823  
VICE PRESIDENT: ADE VAN DER BURGT K9DHR 788-1835  
SECRETARY: DAVE BOLAND W9NWY 836-3275  
TREASURER: JAY VAN DER BURGT KA9MSR 788-1835  
MEMBERSHIP COORD: JIM SHEETZ K9OQO 739-7695

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The June 15, 1987 meeting was called to order: At 7:00 pm by  
President Jack Bibelow, KA9JOL. The meeting was held at  
Roosevelt Jr. High School. Gavel was turned over to President-  
elect Larry Siebers KD9IA.  
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APPROVAL OF MINUTES: Minutes were read and approved.

TREASURER'S REPORT: (BALANCE) \$1574.37 AS OF JUNE 15, 1987  
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\*\*\*\*\* THE NEXT MEETING WILL BE JULY 20th \*\*\*\*\*

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INFORMATIONAL ITEMS

1. Final reading of amendments to By-Laws tabled until July meeting, since copies of by-laws were not available.
2. NB9J gave an update on EAA activities. Sign up sheet passed around. For further information contact W9TA or NB9J.
3. A sign up sheet was passed for those able to assist George Croy W9MDP with the school demonstrations for 1987-88 school year, novice and tech/general classes. If you can help and have not signed up contact George or a Board member.
4. KD9IA reported on the June 6 Exams - 100% passed - normal has been about 60%.

5. WB9GBG stated that he has copies of Outagamie County maps designated with spotter positions. Anyone desiring a map should contact him.
6. A. Lengthy discussion was held regarding non-emergency communications. It was decided that a questionnaire should be developed requesting all needed information (maps, who to contact, time, etc.) from organizations desiring the FCARC to supply communications.  
B. A motion was made by Don NB9J and seconded that a letter be sent to organizations which have used the club/or wish to use the club for communications that the VP of the club be contacted 60 days before the event requesting our assistance and that by 30 days prior to the event maps, times, etc. be sent to the club via the VP. Motion passed.  
C. It was suggested that a person from the organization requesting FCARC assistance come to a club meeting and make the request in person explaining the details.
7. A. NB9J reported on "Swapfest 88". Two potential sites are - National Guard Armory on Ballard Road or Appleton American Legion Club on College Avenue. Raffle permit should be sent in soon.  
B. Motion made, seconded and passed that NB9J is authorized to file the raffle application and spend up to \$50 for fee.
8. Discussion was held regarding a FCARC traffic net. It was decided that an informal net would be held on 145.15 repeater on Tuesday/Thursday at 6:30 P.M. Net controls are - Tuesday K9DHR; Thursday NB9J. The net will be called the Fox Valley Net for now. It was suggested on the first net (6/16) that we have a name the net contest.
9. Suggestions for programs were requested from the membership. Please forward any ideas to a Board member.
10. Transmitter hunts were discussed, kits for tracking antenna, GB Club has offered to help us get started.
11. KA9NTO brought up Boy Scout Jamboree on the Air (JOTA) which will be held October 21. He requested club assistance with this project. Also discussed radio merit badge.

12. Club QSL cards were discussed. Jack KA9JOL will contact a printer for prices. A motion was made, seconded and passed authorizing the Board to spend \$150.00 for QSL cards. Jack will contact Board with information, then QSL cards will be ordered.
13. Summer Family Picnic was discussed. Tabled until July meeting to select date, place and chairperson.
14. Bus for Dayton 88 has room for 35, 20 motel rooms reserved. Contact Bob KB9IE or Jack KA9JOL for more information.
15. W9ZL Club license has finally been reissued with K9DHR as trustee. Station address is listed as 318 E. Brewster Street, Appleton.
16. Those present for the June meeting were the following:
 

W9NWX	KA9MSR	K9DHR	KA9JOL	KD91A	KA9QQR
KD9GM	NQ9F	M.SIETH	WD9FLJ	NB9J	WB9GBG
WD9CYX	WD9CYW	K9OQO	KA9NTO	N9AYN	WB9QFX
N9DCW	N9CSG	KA9TGR	KC9MD	N9ALF	WD9GDR
K9IS	KB9RB	KA9RKV	KA9MPP	W9OUT	WA9FBM
KA9YYQ	KA9JAC	KA9NNI	W9TA	WB9ZNA	

 M. CHRONINGER

#### MISCELLANEOUS

1. The June program was the video tape of "Swapfest 87" by Dale Mitchler WB9CYO.
2. The following communication was received from the Veterans of Foreign Wars:

Fox Cities Amateur Radio Club  
Dear Gentleman:

We the members of the Memorial Day Parade Committee wish to thank the Amateur Radio Club for your cooperation in helping us with the parade. Hoping we can count on you again next year. I remain,  
Sincerely yours,  
Ronald Scheiule Sr.

3. ARRL Executive Vice President Dave Sumner, K1ZZ, reviewed progress toward finalization of a draft Request for Special Temporary Authority (STA) for about 40 stations to participate in a controlled study of HF packet networks. Under the STA, these stations would be permitted to operate HF packet nodes under automatic control (automatic packet operation is allowed above 50 MHz but not on the HF or MF bands). The study will be limited to six months. The ARRL Letter



NEXT TESTING SESSION

Green Bay Swapfest  
August 15th  
Contact KD9IA for information

NEED SOME FUN IN YOUR LIFE  
Need a place to take your family or friends?  
TRY GOLF VILLAGE  
There is both a driving range and miniature golf  
Located at 1680 American Drive, Neenah

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WELCOME WELCOME WELCOME

New Members to the Fox Cities Amateur Club

Thank you for joining our club and we hope you will take an active part in it.

WAYNE PENNINGS WD9FLJ

WELCOME TO FC-ARC

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Respectfully Submitted,  
David P. Boland, W9NWY  
Secretary/Newsletter Editor  
FOX CITIES AMATEUR RADIO CLUB

THE UNIVERSITY OF CHICAGO

PHYSICS DEPARTMENT

PHYSICS 435

PROBLEM SET 10

Due: Friday, November 10, 2017

1. (10 points)

Consider a particle of mass  $m$  moving in a potential  $V(x) = \frac{1}{2}kx^2$ . The particle is in a state  $\psi(x,0) = A e^{-\alpha x^2}$ . Find the probability of finding the particle in the ground state at time  $t = 0$ .

2. (10 points)

Consider a particle of mass  $m$  moving in a potential  $V(x) = \frac{1}{2}kx^2$ . The particle is in a state  $\psi(x,0) = A e^{-\alpha x^2}$ . Find the probability of finding the particle in the first excited state at time  $t = 0$ .

3. (10 points)