



Fox Cities Amateur Radio Club

QSO'ER

FCARC.US



PO Box 5233 Appleton, WI 54912-5233

Volume 16, Issue 1

June, 2003

FCARC OFFICERS

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waltsamk@netscape.net 730-8485

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n9sgg@new.rr.com 749-8824

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kb9oal@new.rr.com 205-1126

Bill Vincent (N9TNW)
wvincent@execpc.com 739-6827

Chuck Hanson (N9OEQ)
chanson1@new.rr.com 788-5497

Membership Renewal Corner

If your call sign is below, your
Membership is up for renewal!

Month of **June** – K9GRL K9HID K9MOO
KC9BMH W9FBC KC9BQK

Committee Meeting Date:

EAA Committee

Thursday June 12th

(Always the 2nd Thursday of the month)
YMCA downtown Appleton 7:00 PM

Meeting Date:

Monday June 16th

(Always the 3rd Monday of the month 7:00 PM)
Columbus Club 2351 North Richmond Street

Board Meeting Date:

Monday June 23rd

(Always the 4th Monday of the month)
YMCA downtown Appleton 7:00 PM

**ALL ARE WELCOME TO ATTEND
ANY MEETING!**

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Elmer's Contact List

This is a listing of HAMS who are willing to help other HAMS out in special areas.
Feel free to contact these fellow HAMS with any questions.

CALL/NAME

KB9OAL~Steve
W9OVK~ Don
W9ZC~ Bob
N9OEQ~ Chuck
W9RIC~ Rick
N9TNW~ Bill

SPECIALITY AREA

APRS
CW
Tech. Code
HF & VHF Digital Modes
Repeaters, Antennas, HF & VHF
HF & Satellite

PHONE NUMBER

734-9547
725-2524
725-7974
788-5497
735-9565
739-6827

If you would like to be included on this list, contact any board member

Board Member Attendance:

Unavaliable

Club Attendance

Unavaliable

Newsletter Options

How do you get the QSO'er
snail mail or Email?

To change how you get the
QSO'er:

Call Brian at 730-8485

or

Email Brian at

blong@tponet.com

New Club Members

We would like to welcome our
newest and renewed
members to the
Fox Cities Amateur Radio Club

*Please make them feel
welcome!*

Fox Cities Amateur Radio Club
Minutes for April 24, 2003

Board of Directors FCARC: President: Brian (KB9LRD) -- Vice-President: John (AB9AH) -- Treasurer: Karen (KC9BMH) Secretary: Membership Coordinator: Steve (N9SGG) Members at Large: Steve (KB9OAL), Bill (N9TNW), Chuck (N9OEQ)

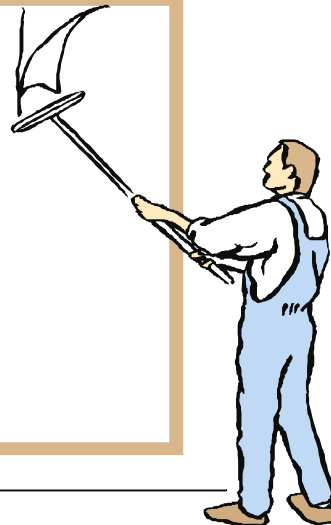
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Fox Cities Amateur Radio Club
Executive Board
Minutes for April 28, 2003

Board of Directors FCARC: President: Brian (KB9LRD), Vice-President: John (AB9AH), Treasurer: Karen (KC9BMH), Secretary:., Membership Coordinator: Steve (N9SGG), Members at Large: Steve (KB9OAL); Bill (N9TNW); Chuck (N9OEQ).

Board meeting for this month was changed to June 1.

The FCARC is looking for someone to help coordinate programs for the monthly meeting. You would be responsible for 6-8 simple 10 min presentation. If you are interested in helping out the club in this position, please contact *Brian Long (KB9LRD)*



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Michael J. Wallace, D.D.S.

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Green Bay, Wisconsin 54303

Telephone: (414) 498-3633

Omro Testing Session

Test sessions are presently being given at the Community Center in Omro, WI. The sessions start at 8:00 am and end at noon. Tests are always given the 2nd Saturday of the month. There is a \$12.00 fee

February 8, 2003

~~March 8, 2003~~

April 12, 2003

May 10, 2003

FCARC Testing Session

Test sessions are presently being given at the American Red Cross Building in Appleton, WI. The sessions start at 8:00 am and no walk-in candidates are accepted after 9:00 am. Sessions are held on Saturdays. There is a \$12.00 fee.

February 1, 2003

~~March 29, 2003~~

~~May 10, 2003~~

November 2, 2003 (Hamfest)

August 16, 2003

February 7, 2004

Fox Cities Amateur Radio Club

Volunteer Exam Team

May 10, 2003

Exam Results

Six Candidates tested

4 passed and 2 did not

3 - Technician Class passed

1 -Extra Class passed

Candidates represented the following towns/cities:

Appleton, Green Bay,

Sister Bay and Fremont

One candidate just turned 17 years of age and he passed his

Technician class

Examiners present and assisting were:

Tom Prust - N9WI

Gary Keating - ND9Z

Mark Heimmermann - KF9CS

William Vincent - N9TNW

Charles Hanson - N9OEQ

Gerald Clusen - K9USN

George Croy - W9MDP

NEXT TESTING SESSION - APPLETON - AUGUST 16, 2003

RED CROSS BUILDING



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STATE REPRESENTATIVE

STATE CAPITOL
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731-3000
1-888-534-0057

FCARC Calendar of Events

June

- 12 EAA Committee meeting - WD9FLJ
- 16 FCARC General Membership meeting
- 28 Field Day - Appointment pending
- 23 FCARC Executive Board meeting

July

- 10 VHF Association meeting
- 21 FCARC General Membership meeting (picnic)
- 22 Start EAA - WD9FLJ
- 27 End EAA - WD9FLJ
- 28 FCARC Executive Board meeting

BATTERIES PLUS

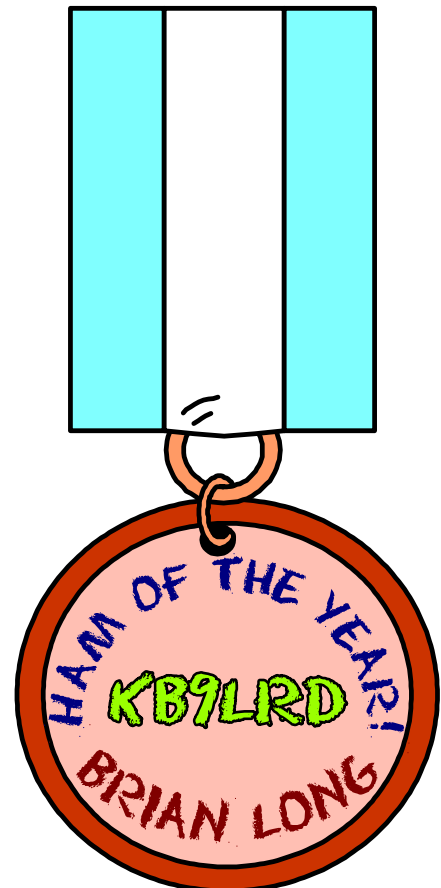
Kevin Foate
Assistant Manager

305 N. Richmond Street
Appleton, WI 54911-4639

Tel (920) 749-9292
Fax (920) 749-0719
www.batteriesplus.com

Boys' and Girl's Brigade

Anyone who is interested in donating any Equipment you may donate it to the Boys' and Girls' Brigade. Anyone who donates will receive a tax deductible donation receipt. All those who are interested may contact Brent Thiel KC9BQK or the Boys' and Girl's Brigade.



TPO Internet Service

John Ensley (N9RJZ)

920-991-2599

n9rjz@tponet.com

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Some of you may find this helpful, released by the ARRL on June 3, 2003.

ARLB038 New 60-meter band becomes available July 3. The new five-channel 60-meter domestic secondary amateur allocation becomes available to US Amateur Radio operators at midnight Local time on July 3. The FCC Report and Order granting the allocation was published June 3 in the Federal Register. Federal government users are primary in the 5 MHz band.

The FCC has granted amateurs use of five 2.8 kHz-wide channels with center frequencies of 5332, 5348, 5368, 5373 and 5405 kHz. The channels will be available to General and higher class licensees. The only permitted mode will be upper-sideband USB phone, and 50 W ERP is the maximum power allowed.

Users of the 60-meter channels should set their carrier frequency 1.5 kHz lower than the channel center frequency. ARRL suggests restricting transmitted audio bandwidth to 200 Hz on the low end and 2800 Hz on the high end for a total bandwidth of 2.6 kHz. ARRL recommends that amateurs considering modifying existing amateur equipment for operation on 60 meters contact the equipment's manufacturer for advice.

June 2003

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12 EAA Committee mtg YMCA @ 7 pm	13	14
15	16 General member mtg @ 7 pm	17	18	19	20	21
22 2003 Field Day USA	23 Board mtg YMCA 7 pm	24	25	26	27	28
29	30					



PLC... An Emerging Threat to Ham Radio:

[Steven E. Matda \(KE4MOB\)](#) on May 5, 2003

[View comments about this article!](#)

Imagine the following: You walk over to your HF and turn it on. On 80 meters, there is static interference kind of like spark plug RFI. So you go to 40 meters. It's still there. On to 20. Still there, too. And 10 meters is noisy as well. So you turn the radio off and decide to wait until the noise level drops. You come back in a few hours, but it's still there. It's there 24 hours a day, 7 days a week. You can't hear anything on *any* band except for the the ratt-a-tatt-tat-ratt-tatt of some sort of signal. You decide to get in the car and try to DF it. No luck, it's everywhere.

Congratulations (or condolences)... you have found PLC.

PLC is short for Power Line Communications... a new way to provide broadband internet over the existing power lines. Unfortunately, it also has the potential to render wide swaths of HF spectrum useless due to RFI. It poses perhaps more of a threat to the future of ham radio communications than any other in recent memory. Basically, it superimposes a broadband (up to 80 MHz) signal along side the standard 60 Hz power line signal. Now think about it... how many times have you looked up thought "If I could only use the power company's line as an antenna" and you can see the possibilities that emerge. Antennas that are miles long, mounted high in the air, radiating RF all the way up to 80 MHz. Not a fun possibility for ham operators, is it?

One would think that other users of the HF spectrum (the US government in particular) would object to such interference and that saner heads would prevail. However, in a recent ARRL article it was reported:

"The FCC has declared BPL [FCC shorthand for PLC] as a top priority for its Office of Engineering and Technology (OET) in 2003. [Michael] Powell, who recently witnessed a BPL demonstration, calls its potential "immense." As the [FCC] chairman sees it, BPL "can offer consumers freedom to access broadband services from any room in their home without need to pay for additional wiring, by simply plugging an adapter into an existing electrical outlet."

Currently, the FCC is investigating the feasibility of PLC in the US, but the aforementioned quote leads one to believe the FCC is more attuned to the PLC companies than they are to the incumbent users of the spectrum. In Japan, where PLC systems have been in operation, amateurs complained so much about the RFI that the PLC companies were forced to place 30 dB notches in the PLC frequencies to protect the amateur allocations. Perhaps this is an avenue that bears investigation in the US. When (and if) a Notice of Proposed Rulemaking is issued by the FCC, I would urge all amateurs on HF to make their voices heard... before ours are silenced by PLC.

73 to all,
Steve Matda, KE4MOB

Editor's note:

More information on PLC can be found at:

<http://www.arrl.org/tis/info/HTML/plc/>

SWAPFEST '03

**South Milwaukee Amateur
Radio Club Inc.**

Saturday, July 12, 2003 --- 6:30AM

This is our 36th year!

**American Legion Post #434
9327 S. Shepard Ave
Oak Creek, Wi. 53154
Tickets: \$5.00**

Food & Beverages available after 7:00AM

**This is an outside event -- Come prepared for ANY weather
First come = First Served
This is an ARRL sanctioned event**

Talk-in Freq: 146.52 S [WA9TXE] And Local Repeaters	For More Info e-mail: ryatex@aol.com	Or Call: 1-414-762-3235 Ask for Verne	Prizes: 1st = \$100 2nd = \$75 3rd = \$50 4th = \$25
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Special Note from the Editor:

I am no longer going to be doing the newsletter due to conflict with school.

I will be taking 14-18 credits this fall and will not have the time it takes to product the newsletter.

Thank you to those of you who helped me by sending articles and the many emails of encouragement and praise.

I will miss doing the newsletter!

