



FOX CITIES AMATEUR RADIO CLUB, INC.

QSO'ER



P.O. Box 2346 Appleton, Wisconsin 54912

www.fcarc.us

CQ CQ CQ

Volume 22, Issue 4
April 2009 issue

2008 "Ham of the Year" Andy Palm N1KSN

Upcoming events

**Charge those batteries!
Find those speaker mic**

April 26th - MS Walk in Appleton

Dave Sprangers
ND9DW
MS Walk Coordinator

May 9th - American Cancer Society's Walk

Brian Long
KB9LRD
Soleburner Coordinator

May 16th - JDRF Walk

Judy Kosiorek
WJ9K



FCARC Officers

- *President— Frank Livermore (N9LT)*
- *Vice-President— Dave Sprangers (ND9DW)*
- *Treasurer—Karen McDonald (KC9BMH)*
- *Secretary— Mike Smith (N9IAT)*
- *Membership Co-ord—Dan Vanevenhoven (N9LVS)*
- *Technical Director—Andy Palm (N1KSN)*
- **Members At Large—**
- *John Touzinsky (K9KI)*
- *Tom Riederer (N9UY)*
- *Tony Mach (AB9IO)*

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Check out the FCARC **6 Meter Net** Thursday nights at 8 pm on 52.570 FM

Fox Cities Amateur Radio Club, Inc.

General Membership Meeting

Agenda for March 16th, 2009

Board of Directors FCARC

President: Frank N9LT; Vice-President: Dave ND9DW; Treasurer: Karen KC9BMH
 Secretary: Mike N9IAT; Membership Coordinator: Dan N9LVS; Technical Director: Andy N1KSN
 Members at Large: Tony AB9IO, Tom N9UY, John K9KI

“Andy Palm N1KSN is our 2008 “Ham of the Year””

Presiding: President, Frank Livermore N9LT

Quorum count: Vice President; Dave Sprangers ND9DW

Call to Order: 7: 00 PM

Introduction of Members, Roll Call!

New Members: N/A

Renewed Members: Don KF9JA, Brian KB9LRD, Karen McDonald KC9BMH

Old Business:

- A.) 2M net preamble, it's a go
- B.) ARES MOU and WX9GRB/PASS information - N9LT
- C.)

New Business:

- A.) Field Day volunteers, meeting date/time to get basics going - N9LT
- B.) Club Kit Build Discussion – 7 options - N1KSN
- C.) APRS Node information - ND9DW

Committee/Coordinator Reports:

Awards Committee – Frank N9LT

WQSO Party – KB9LRD

VE Testing – N9LVS or K9KI

MS Walk - ND9DW

Correspondence: Meeting Room Fee, Misc. Renewals

Hal Report:

The Sony Remote Control Key – N1KSN

Announcements: VE Testing April 11th, MS Walk Apr. 26th, Soleburner May 9th, JDRF May 16th, VE Testing Jun. 20th,
 Field Day Jun. 27th

Raffle Winner

Adjourn: (Accepting a motion to adjourn)

(2nd)

(V: M)

• Membership Renewal Reminders

As a reminder only—following is a list of the membership renewals coming up this month and the following few months. **If you have already renewed—thank you.** If not, you can renew with Karen (KC9BMH) at the next club meeting.

3/1/2009 N9ZIC
 3/1/2009 N9AQ
 3/1/2009 KC9IKU
 3/1/2009 K9IK
 3/1/2009 KC9HTM
 4/1/2009 KC9NLL
 4/1/2009 KF9JA
 4/1/2009 N9XCQ
 4/1/2009 N9SVB
 4/1/2009 WB9ZNA
 4/1/2009 N9RQM
 4/1/2009 K9USN
 4/1/2009 N9AOT
 5/1/2009 N9TNW
 5/1/2009 KC9DEF
 6/1/2009 K9OFU
 6/1/2009 KC9HIP
 6/1/2009 W9FBC
 6/1/2009 KC9NLP
 6/1/2009 AA9A

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	Specialty Area	Phone #
N1KSN– Andy	CW	720-0617
W9ZC– Bob	Tech. Code	725-7974
N9OEQ– Chuck	HF & VHF Digital Modes	788-5497
N9TNW—Bill	HF & Satellite	739-6827
N9LVS—Dan	FCC Personal Data Changes	205-4899

Do you have something to sell?

Send me an email and get it listed here!

Have something Ham related to sell? If so, contact Mike (N9IAT) at mike@n9iat.com to arrange for it's insertion in the next issue of this newsletter. We will run it in the newsletter and on-line at www.fcarc.us

•Upcoming Events

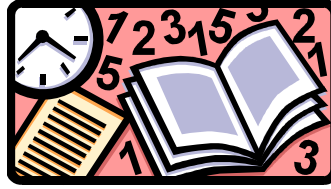
VE Testing Dates

Interested in Amateur (HAM) Radio? Need to upgrade your license? The FCARC can help you with both of these.

With the exception of the November test date, all testing is done at the Red Cross Building at 1302 E. Wisconsin Ave. in Appleton. Test check in is from 8:00 am until 8:30 am. The cost is \$15.00.

Here are the dates for 2009:

June 20, 2009



Thursday 6 Meter Net

Day: **Thursday**

Time: **8:00 pm**

Frequency: **52.570 FM**

If you would like to be a net control please contact Frank N9LT

•Upcoming Events

April 20	General Membership Meeting
April 26	MS Walk
May 9	American Cancer walk - Soleburner
May 16	JDRF Walk
June 13	N9IAT's Wedding
June 20	VE Testing

Wednesday 2 Meter Net

Net Control Operator schedule

Apr 15 N1KSN

Apr 22 N9UY

Apr 29 W9HAN

Fox Cities Amateur Radio Club (W9ZL) invites everyone to tune in on Wednesday evenings at 8:00 PM on 146.76/R 100hz PL
Check into the Wednesday night net. This is an open forum net and anything can be discussed, including: technical questions, equipment review and for swap and for sale items.

Join me in welcoming the following new members and thank the renewing members

Don KF9JA, Brian KB9LRD, Karen KC9BMH

German AMSAT First To Bounce Signals Off Venus

From the April 3, 2009 *ARRL Letter*:

On March 25, a group from AMSAT-DL bounced radio signals off the surface of Venus, marking the first time Amateur Radio operators have bounced radio signals off another planet. According to AMSAT-DL President Peter Guelzow, DB2OS, the Earth-Venus-Earth (EVE) transmission is another step in preparing for a mission to Mars.

According to an AMSAT-DL press release, the team's transmitter was generating about 6 kW CW on 2.4 GHz. Guelzow said that signals were sent from a ground control station at the IUZ Sternwarte observatory in Bochum: "After traveling almost 100 million kilometers and a round trip delay of about 5 minutes, they were clearly received as echoes from the surface of Venus. This was the first German success to receive echoes of other planets. In addition, this is the farthest distance crossed by radio amateurs, over 100 times further than echoes from the moon (EME reflections)."

The EVE experiment was repeated on March 26 for several hours with "good echoes" from Venus, Guelzow said. "Morse code was used to transmit the well-known 'HI' signature known from the AMSAT OSCAR satellites."

For receiving the EVE reflections, Guelzow said that the team used a fast Fourier transform (FFT) analysis with an integration time of 5 minutes. "After integrating for 2 minutes only, the reflected signals were clearly visible in the display," he said. "Despite the bad weather, signals from Venus could be detected from 1038 UTC on until the planet reached the local horizon."

Guelzow explained that with the EVE reflections, the high power amplifier "has therefore passed this crucial test as a final key component for the planned P5-A Mars mission. By receiving generated echoes from Venus, the ground and command station for the Mars probe has been cleared for operational use and the AMSAT-DL team is now gearing up for building the P5-A space probe. AMSAT-DL wants to show that low-budget interplanetary exploration is possible with its approach."

Development, design and construction of this first German Mars mission have been achieved by AMSAT-DL and its partner organizations, Guelzow explained. "Already a third of the total project costs were performed. More work shall follow during the mission. AMSAT-DL would like to demonstrate that their approaches to low-cost space missions are feasible."

Information provided by AMSAT-DL. Pictures of the equipment used can be found on the AMSAT DL website www.amsat-dl.org.