



FOX CITIES AMATEUR RADIO CLUB, INC.

QSO'ER



P.O. Box 5233 Appleton, Wisconsin 54912 www.fcarc.us Executive Board e-mail: board@fcarc.us

W9ZL on the air at AirVenture 2004

Volume 17, Issue 08

August 2004

W9ZL operated a Special Event station at AirVenture 2004. Of the 4 days that we operated, 2 were good for propagation and 2 were not so good. The following club members participated:

Jon AB9AH, Brian KB9LRD, Erick KB9TLM, John N9RJZ, Steve N9SGG, Bernie N9YMC, Michael KB9JGX, Greg W9IEI, Don W9OVK, Dave W9RAG, Rick W9RIC, Charles W9SBU, Bob W9ZC and Dan N9LVS. In addition to these fine folks, we were joined by the following guest op's: Jim K6UUW, John K9IY, Scott KB0KFX, Eric KB9RCA, Gary KC9CRZ (and his son Chris), Jeff KC9DGU, Dave N9WQ, Tom W9CHP, Cliff WD5JMU, Terry WA0ITP and Evan KC0QOX.

See the inside spread for some pictures of this event and the stories on page 4 with our contact results.

FCARC Officers

- *President— Brian Long (KB9LRD)*
kb9lrd@tponet.com 730-8485
- *Vice-President— Darlene Hengels (KB9JGW)*
dhengels@new.rr.com 729-9230
- *Treasurer—Karen Long (KC9BMH)*
kc9bmh@new.rr.com 730-8485
- *Secretary— Bernie Hengels (N9YMC)*
berniehengels@new.rr.com 729-9230
- *Membership Coord.— Dan Vanevenhoven (N9LVS)*
dvaneven@athenet.com 205-4899
- *Members At Large—*
Erick Jensen (KB9TLM) jensen@athenet.net 730-2952
Bill Vincent (N9TNW) wvicent@execpc.com 739-6827
Rick Kosiorek (W9RIC) w9ric@attn.net 735-9565

Inside this issue:

Upcoming Events— mark your calendar

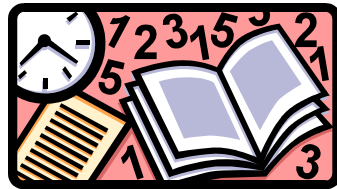
Here is a list of upcoming events and meetings involving FCARC:

Sat Oct 16	JOTA	Memb. renewal, Congrats	2
Mon Oct 18	FCARC meeting	Eyeball QSO, from the Prez	3
Sat Aug 21	Waupaca Triathlon	Special Events	4
Mon Sept 20	FCARC meeting	Advertisers	5/10
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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 \$12.00.



Here are the dates:

Sunday November 7 (at Hamfest location)

Saturday February 5, 2005

Congrats!

Congratulations go out to Eric (KG8RF) for passing and upgrading to an Amateur Extra and to Dan (N9LVS) for passing his General theory.

Membership renewal reminders

As a regular column, we will list the calls of those whose membership is up for renewal.

Did you remember to renew?

Those up for renewal in August include: W9IEI, N9PBM, W9OP and N9ECS

Those up for renewal in September

include: KG8RF, K9OSH, N9SGG, N1KSN and KC9BVQ.



Here are the folks that have renewal due in October: N9BPO, K9OQO, N9QF, KC9EKV and KC9DEE.

HAMFEST

FCARC Hamfest—Mark your calendar for Sunday November 7, 2004 at Waverly Beach in Menasha.

Contact John (N9RJZ) at 729-0797 or by email at N9RJZ@tponet.com for more information.

Congratulations to our newly elected board members

Third time is a charm! After not being able to hold elections in both May and June, we finally made our quorum count at the July picnic and were able to hold our annual spring elections.

Our newly elected members are:

Darlene KB9JGW for Vice President

Karen KC9BMH for Treasurer

Erick KB9TLM, Bill N9TNW and Rick W9RIC for our 3 Member at Large positions.



Fox Cities Amateur Radio Club (W9ZL) invites everyone to tune in on Wednesday evenings at 7:30 PM on 146.76/R 100hz PL to hear the *Newsline* broadcast.

Then stick around to check into the net immediately afterwards. This is an open forum net and anything can be discussed, including; technical questions, equipment review and for swap and for sale items.

Eyeball QSO at AirVenture 2004

Dan (N9LVS) tells a story of meeting Robert Ross (N2OML) in the campground of EAA. Robert not only happens to be a ham, but is also Senior Vice President of CBS Sports. Dan received the nickel tour of Robert's motor home/ mobile ham shack.. Complete with 2 HF stations, IC-7800 and FT-1000, coupled to a

Cushcraft A4S and a GAP vertical. For VHF / UHF there was an IC-2720H and a FT-8800R going into a pair of Diamond X-50's. Also housed in the back were 2 Bearcat scanners, numerous HT's charging, a TV satellite *uplink*, Direct TV *and* DISH network setups. For the driver there was an IC-706MKIIG into Ham Stick anten-

nas as well as a Motorola digital Astro Spectra Business Band.

I understand that Robert had 2 x HDSL lines dropped into the motor home just for the week at EAA.

Sounds like the ultimate mobile station—maybe W9ZL can be a guest op next year!

From the President...

What a great summer of activities and events we've had this year. It sure was a great feeling to be involved with all the people and helping the community in the way we do. I would like to thank all of you who helped with this years events, knowing what a sacrifice it has been to give up so much of your free time. It was a summer

that we added a few more events to the list, we've enjoyed some brand new events and welcomed some old ones back.

I'm so proud of the volunteerism and the commitment some of the club members have shown this summer, this great effort by so many members is just wonderful.



I'm looking forward with confidence and pride towards the remaining events this summer and with great excitement to next years summer of events/

Thank you all very much,
Sincerely,

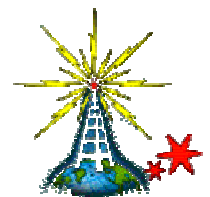
Brian J. Long KB9LRD

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 number
W9OVK— Don	CW	725-2524
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

If you would like to be included on this list, contact any board member to offer your skill.



W9ZL Special Event Station results

- 13 Club members operate during the 4 days of EAA.
- 11 guest operators.
- 253 HF contacts made, from 41 states and 2 Provinces of Canada.
- 1 Maritime mobile contact with Yuri (UT1FG) off the Labrador coast in the North Atlantic.
- 98 visitors signed our guest log—of which 67 were hams.
- We had visitors from 6 foreign countries sign our guest log—and promise to stop and operate at AirVenture 2005.



Brian (KB9LRD) and Bernie (N9YMC) are offered a test flight at EAA AirVenture 2004. Bernie was quick to add..."good thing it was *supposed to be* a TailDragger..."

Contacts made by operator at EAA AirVenture

FCARC opened it's doors to 11 guests operators at this years Special Event station at EAA. The 11 guest op's contributed a total of 139 of the 253 contacts made this year.

This was not a contest, however I thought you would like to see the list of contacts by operator:

John	N9RJZ	55	Tom	W9CHP	22
Jeff	KC9DGU	37	Eric	KB9RCA	14
Brian	KB9LRD	25	Scott	KB0KFX	13
Dave	N9WQ	23	Don	W9OVK	11
			Gary	KC9CRZ	11
			Rick	W9RIC	8
			Bob	W9ZC	7
			Bernie	N9YMC	5
			Steve	N9SGG	3
			John	K9IY	3
			Evan	KC0QOX	3

Jim	K6UUW	2
Jon	AB9AH	1


Plus there were 5 contacts that I could not associate an operator to.



John, Dave, Scott, Bernie & Don at EAA.

— John Skotzke —
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EAA Pictures



Brian makes his *first* HF contacts!



The tradition continues as we met each morning for breakfast at Fields Restaurant.



There are so many takeoffs and landings, Wittman becomes the busiest airport in the world on a couple of days of AirVenture.



Our new home away from home.



Rick sets up the VHF antennas.



Don copying CW on 40 meters thru all of the QRN.



Visitors from Pioneer Airport in period costumes.



With our EAA contact, Nicole Raudabaugh. Thank you for your support, Nicole!



Brian, Don and Bernie visit with Grant (ZR6AAT) and Deryck (ZS6KQ) Father / Son South African hams visiting EAA AirVenture 2004.

July 19 picnic pic's

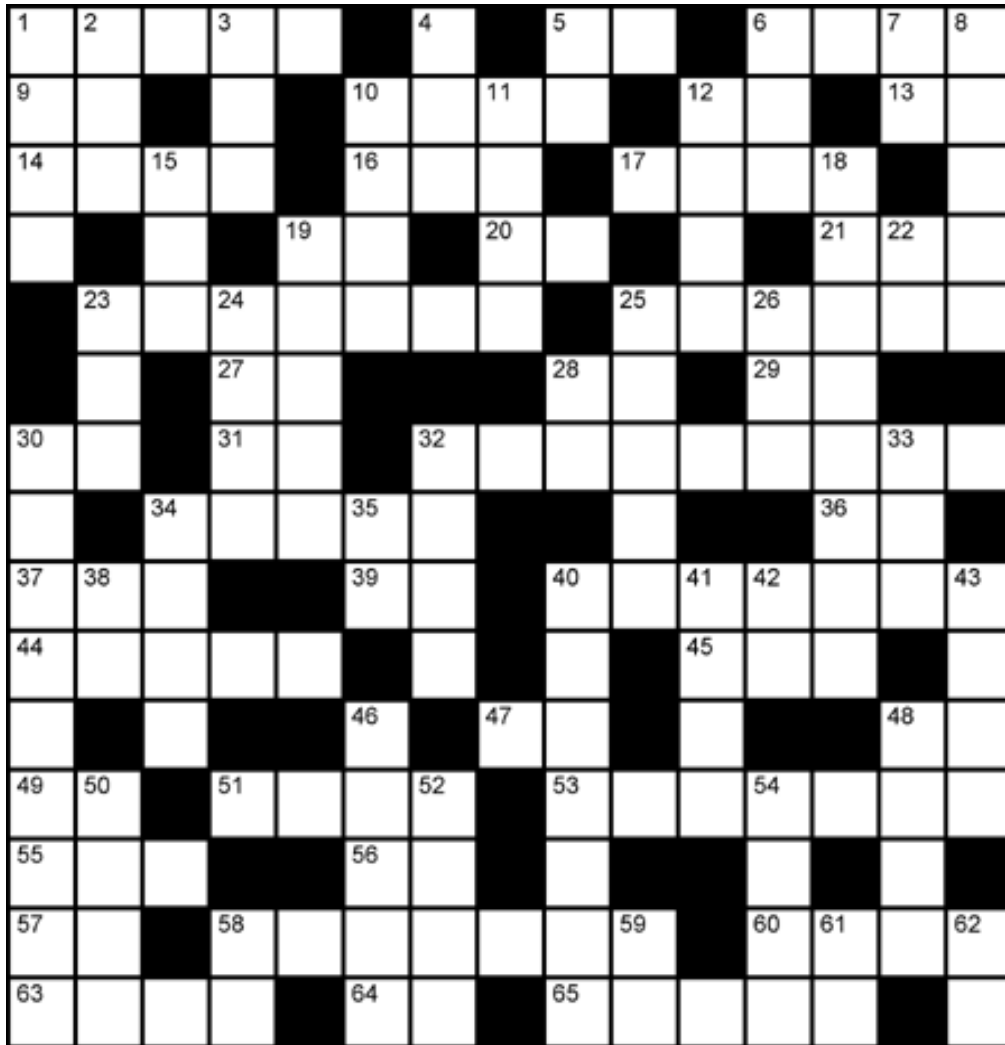


Bring on the brats!



The Amateur Radio Crossword Puzzler by H. Ward Silver, N0AX

“Assault with Batteries”



Completed puzzle will appear in the September issue.

Satellite corner—AO-51 Operating Frequencies

- Analog Uplink: 145.920 FM (PL=67) or 1268.700 FM (PL=67)
- Analog Downlink: 435.300 FM
- Digital Uplink: 145.860, 9600 bps, AX .25
- Digital Downlink: 435.150, 9600 bps, AX .25 or 2401.200, 38,400 bps, AX .25
- Broadcast Callsign: PACB-11
- BBS Callsign: PACB-12



Across

1. Animals used to test the first batteries
5. For Sale (abbr.)
6. Sign that designates positive
9. Most conductive metal (Chemical symbol)
10. Clean with a cloth
12. Millionth of a kilogram (abbr.)
13. Low Power (abbr.)
14. 9V battery connector type
16. Radiated interference (abbr.)
17. Charging causes batteries to do this
19. You .. man!
20. Imperial measure of weight (abbr.)
21. Add 'h' to change from what this body part is to what it does
23. Slowly charge or maintain a charge
25. Add energy to a battery
27. Great Plains state, home of the Cornhuskers (abbr.)
28. Here (CW abbr.)
29. Popular VHF/UHF mode (abbr.)
30. Volume equal to one ml (abbr.)
31. Fluid (abbr.)
32. Synonym for voltage
34. Constructed the first battery
36. Largest state in the Great Basin (abbr.)
37. Route (abbr.)
39. Off Center (abbr.)
40. Slow self-discharge current
44. Keeps going and going
45. Adjust to specifications (abbr.)
47. Empty (abbr.)
48. For example (abbr.)
49. Answer negatively
51. Metal that makes a battery with air
53. What the 'H' in LiMH stands for
55. Decay
56. Prefix of South American country that was the capital of the Inca empire
57. Wizard's home
58. Partner to nickel in rechargeable batteries
60. Whoever has the most of these, wins
63. Completely discharged
64. Added to 'p', this means energetic
65. A mockup or prototype

Down

1. Quick or high-current charge
2. Operate or work
3. Cheat
4. Flashlight with a nearly discharged battery
5. Metal that rusts (Chemical symbol)
6. IC connection of a square field of pins (abbr.)
7. Safety lab (abbr.)
8. Extra or replacement battery
10. Diminished capacity
11. Early name for batteries in series
12. Gear teeth fitting together
15. Battery capacity (abbr.)
18. Connection to a battery
19. Largest common cylindrical battery size (two words)
22. Precious metal used to plate whole connectors (Chemical symbol)
23. Handle gently (abbr.)
24. Data or knowledge
25. The best of the best
26. Rearwards on a boat or ship
28. High Voltage (English abbr.)
30. In the middle of a dry cell (two words)
32. Several batteries packaged as a unit
33. Average (abbr.)
34. Relieve overpressure
35. And fro
38. Thanks (CW abbr.)
40. Paired with ions in rechargeable batteries
41. Makes a battery with lead
42. Thousands of amps (abbr.)
43. The end of a surface
46. Opposite of cathode
48. Circular backwater
50. Battery leak
52. Take batteries along when you do this
54. Measurements per unit of time
58. Chemical symbol for 58 Across
59. Modus operandi (abbr.)
61. Overload (abbr.)
62. What the librarian says

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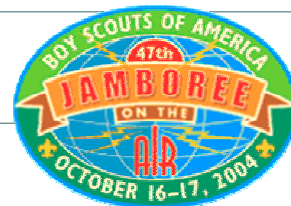
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Q Codes commonly used in Amateur Practice

Code	Meaning	Sample Use
QRL	Is this frequency busy	Used almost exclusively with Morse code
QRM	Man-made interference	There's another QSO up 2 kHz that's causing you a lot of QRM
QRN	Static crashes	The band is noisy today; I'm hearing a lot of QRN
QRO	Increase transmitting power	I need to QRO when propagation is poor.
QRP	Low(er your) transmitting power	I'm using a QRP transmitter here, running only 3 watts
QRS	Send your Morse code more slowly	Please QRS, I'm new to Morse code
QRT	Stop sending	I've enjoyed talking to you, but I have to QRT for dinner now
QRV	Ready to receive	Will you be QRV in the upcoming contest?
QRX	Hang on a minute, I'll be right back	Please QRX one
QRZ	Who is calling me?	QRZ? I hear someone calling, but you're very weak
QSB	Fading of signal	I'm hearing a lot of QSB on your signal
QSL	Acknowledge receipt	I QSL your last transmission
QSO	A conversation with another ham	Thanks very much for the QSO
QSY	Change frequency	Let's QSY up 5 KiloHertz
QTH	Location	My QTH is Appleton, Wisconsin
QTR	Exact time	QTR is 2000 Z

JOTA plans coming together



Jamboree on the Air is an annual Scouting event taking place each year on the 3rd full weekend of October. As many as 500,000 scouters from around the world gather in a shack, at a campsite, in an assembly hall (Sitzungssaal, ημικόκλιο, 集会所, atelier de montage) or at a Scout facility and set up an active radio demonstration with the help of local hams. This is where we come in.

For 2004, it looks like the FCARC will be setting up a station at the local Scout facility along 41 and open it up from 8 am until 4 pm for local scouts and scouters to come by and have a demonstration and to operate. The club will need folks to set up and operate at the Scout facility as well as monitor and operate locally from their home QTH and answer any scout calls to complete the QSO.

If interested in helping out on Sat Oct 16, please contact our event chair, Jon (AB9AH) or our scout liaison, Kevin (KC9EYA).

