



WEEKLY 2-METER NETS

All nets listed are 8:00 PM local time

Monday: W5YM University WeatherNet (147.135+, 110.9)

Wednesday: ARCUA Traffic Net (147.135+, 110.9)

Thursday: ARKAN Talk and Traffic Net (146.955-, 110.9)

Check in and participate in local nets -- keep amateur radio active on the repeaters

ARKAN

Serving
the
Amateur
Service

Newsletter of the Amateur Radio Klub of the Arkansas Northwest April 2006

ARKAN MEETING

April 24, 2006

AGENDA

Club members sign in for drawing
Call meeting to order
Acknowledge and welcome visitors

Program

Grounding - Delford, KC5ZKH

Business Meeting

Reading of March meeting minutes
Overview of April Board Meeting

Old Business

Event Chairmen still needed
Airfest
Field Day

New Business

Drawing for Door Prize
Meeting Adjournment

Announcements (if any)

VE Testing & Code Practice

To follow meeting

NEXT MEETING

May 22, 2006 7:00pm

Join the club for our next meeting.
ARKAN meets at the Arkansas Air
Museum at Fayetteville Municipal Field
each fourth Monday of the month at 7
p.m.

April Program Notes

Delford Taylor, KC5ZKH will present this month's program on grounding. You can not know enough about grounding, whether it's for an antenna, a radio, or your whole shack. Please make plans to attend the meeting Monday night April 24.

President's Note

I would like to thank everyone who turned out for our second Saturday event. We met outside the county fair-grounds and set up operations near a couple of trees. Joe, Hal & I worked diligently to string 1 end of a 20 m dipole antenna. Hal had a great shot with the slingshot...Charlie took care of the other end with a single toss of a good ole Arkansas rock. I had planned on using my pickup truck bed as our improvised shack, but the weather was a bit brisk. We set up shop in the back of Mose's van. After stringing up the antenna and connecting to a car battery, we heard Austria booming in...unfortunately he never heard us. We worked LA and Vancouver.

We still need a coordinator for Field Day. This shouldn't be too hard, but somebody needs to step forward quickly.

73,
Scott KD5KZJ

ARKAN on the web at: www.arkan.us

Upcoming ARKAN Meeting Programs

April
Grounding

May
TBD

June
TBD

Second Saturdays

ARKAN holds a hands-on event each month for amateur radio operators. This event is held on the Second Saturday of each month and is open to everyone. The workshop starts at 10:00am at the Arkansas Air Museum and typically lasts between two to three hours depending on the subject or activity.

May
VHF Foxhunt

2006 Arkansas QSO Party set for last day of Sept., first of Oct. Takes advantage of calendar to put event between Texas, California

by *Bill Smith, K1ARK*

The 2006 edition of the Arkansas QSO Party is set for the last day of September and the first day of October, and picks up a few new categories. The majority of the event rules, time frames and reporting requirements as last year are in effect this year.

The contest runs on Saturday, Sept. 30 (1400z on Sept. 30 to 0600z Oct. 1) then continues on Sunday, Oct. 1 (1800z Oct. 1 to 0200z Oct. 2).

After moving away from the weekend of the Texas QSO Party last year, the 2005 event ran into major propagation issues, and overall scores were down while participation remained about the same.

This year, the calendar presents "five" weekends for September and October, and gives Arkansas a chance to sandwich between the two big events. Texas and California set their events based on the fourth and first "full weekends" of their respective months. The split weekend gives us a window between.

In addition to formalizing the youth categories that were added midstream last year, a new club aggregate award will be added. This will go to the Arkansas club and the non-Arkansas club with the best combined score of its individual members.

SHORT FORM:

Arkansas QSO Party: CW/SSB/PSK31 sponsored by K1ARK; from 1600z Sept. 30 to 0600z Oct. 1; 1800z Oct. 1 to 0200z Oct. 2. [Sept. 30-Oct. 1; CST]. Frequencies: CW—3.550, 7.050, 14.050, 21.050, 28.050; PHONE—3.980, 7.260, 14.260, 21.360, 28.360, 145-147; PSK—3580, 7070; 14.070; 21.080; 28.120. Categories: SO, MS, Mobile, HP, LP, QRP, S/P/C, PSK. Exchange: RST, state or province, DX stations send "DX." (Arkansas stations exchange county.) QSO Points: PSK—3 pts, CW—2 pts, SSB—1 pt. Score: QSO points × AR counties (AR station count states, provinces and AR counties). Mobile stations may be counted more than once per band if station has relocated into another county. Bonus stations: TBA based on highest AR club score (25 pts per band/mode), AR ARRL affiliated club station (10 pts). For more information—<http://www.arkan.us>. Logs due 30 days after the contest to k1ark@arrl.net or to Bill Smith, K1ARK, 3032 Strawberry Drive, Fayetteville, AR, 72703.

Continued on Pages 6 and 7.

ARKAN address

The club has a post office box to serve as the official address of the organization:

ARKAN
P.O. Box 9701
Fayetteville, AR 72703

Member Classifieds:

ARKAN Equipment For Sale -
Astatic DN-HZ Desk Mic (non-
amplified) \$35.00

Bird Model 67 Termaline 500W
wattmeter \$75.00

RL Drake TV-1000 Low Pass
Filter \$15.00

Yaesu FT-720RU 440MHz 10W
Mobile (w/ hand mic, mounting
bracket, original box and manual)
\$50.00

Classifieds may be submitted free
of charge by ARKAN members.
To submit a listing please e-mail
John Robinson, KD5NFX at
johnr@cavalry.com.

**ARKAN 2m Thursday Night
Net Control Schedule:**

April 27 - Paul, KK5II

May 4 - Scott, KD5KZJ

May 11 - John, KD5NFX

May 18 - Mose, KB5BV

May 25 - Paul, KK5II

W1AW Morse Code Practice Schedule

Slow code practice : Central Time

0800 Wed & Fri
1500 Tues & Thur
1800 Monday & Wed & Fri
2100 Tues & Thur

Frequencies are 1.8175, 3.5815, 7.0475, 14.0475, 18.0975, 21.0675, 28.0675 and 147.555 MHz.

Slow Code = practice sent at 5, 7-1/2, 10, 13 and 15 words per minute (wpm).

Fast Code = practice sent at 35, 30, 25, 20, 15, 13 and 10 wpm.

Code practice text is from the pages of QST magazine, the League's membership journal. The source is given at the beginning of each practice session and alternate speeds within each session. For example, "Text is from July 1992 QST, pages 9 and 81," indicates that the practice session's plain text is from the article on page 9 and its mixed number/letter groups are from page 81

Contacting Your Club Board Members

President	Vice President	Secretary	Treasurer
Scott Anderson KD5KZJ 5130 Twin Pines Springdale, AR 72762 Hm (479) 466-3368 webmaster@aped.com	Paul Dixon KK5II 50 W Greenwood St. Fayetteville, AR 72701 Hm (479) 571-8600 pdixon1006@aol.com	Mose Howard KB5BV 1775 N. Hunters Ridge Fayetteville, AR 72701 Hm (479) 571-8470 kb5bv@yahoo.com	Bruce Carter K2BWC 1350 Clear Creek Dr. Springdale, AR 72764 Hm (479) 872-2879 bcarter192@aol.com

Charles Winn, KE5AEA - Elected Board Member ke5aea@arrl.net
John Robinson, KD5NFX - At Large Board Member johnr@cavalry.com

ARKAN ARRL Special Services Club (SSC) Appointments

Technical Liaison	Charles Tillotson, W5NX	w5nx@cox.net
Public Information Officer	Joe Dunn, KD5TLH	bjoedunn@hotmail.com
Public Service Liaison	Bill Smith, K1ARK	k1ark@arrl.net

Upcoming Area Hamfests

Dayton Hamvention / ARRL
EXPO 2006
Dayton, OH
May 19 -21

Oklahoma State Convention
Oklahoma City, OK
July 14 - 15

JARC Hamfest
Joplin, MO
August 25 - 26

Queen Wilhemina Hamfest
Mena, AR
September 8 - 9

If you have articles or ham radio
related submissions for the
monthly ARKAN newsletter
please submit them to John
Robinson, KD5NFX.
johnr@cavalry.com

To change your e-mail
or mailing address
Send To:
johnr@cavalry.com

ARKAN Meeting Minutes - February 27, 2006

Meeting was called to order at 7:42 PM by President Scott Anderson, KD5KZJ. Minutes of the February 2006 meeting as printed in the newsletter were approved after a motion by Bill Smith, K1ARK and seconded by Paul Dixon, KK5II. The Treasure's Report was read by Scott, KC5EQJ. A motion to accept was made by John Robinson, KD5NFX and seconded by Charlie Winn, KE5AEA. The motion passed.

Old Business

Chairpersons are needed for Field Day, JOTA and Airfest. Bill Smith, K1ARK will secure a special event call sign for Airfest.

Don Banta, K5DB has requested a special events call sign for the Arkansas 175th Celebration.

Programs for meeting and 2nd Saturdays are needed.

New Business

The Fort Smith Hamfest is April 1 and is the Arkansas State Convention. John Robinson, KD5NFX reported on the used equipment sales. \$920 has been collected with another \$50 worth spoken for. There are four items left for sale. Motion to adjourn by Bill Smith, K1ARK and was seconded by Craig Culver, AB5OK.

ARKAN Board Meeting - April 10, 2006

2nd Saturday in October will be moved to JOTA weekend. ARKAN will have operators available to operate the station for interested Scouts that show up at the Arkansas Air Museum.

The April meeting program will be on grounding.

Field Day will be a coop operation with Ozark Wireless Society. Operation maybe 2A.

Treasurer's Report - April 2006

	<u>DEBT</u>	<u>CREDIT</u>	<u>BALANCE</u>
Balance Forward			\$1200.41
Deposit from Dues		\$45.00	
Deposit from used equipment sale		\$526.23	
Bank balance as of 4/18/06			\$1771.64

Event Chairmen:

Fayetteville Airfest
TBD

Field Day
TBD

J.O.T.A.
Scott Anderson, KD5KZJ

The Weather Report

Bill Smith, K1ARK

More active nets, more participation

This storm season is off to a fast start, much different from last year's extremely mild year in Washington County. Aside from the major Benton County tornado outbreak — which the W5YM net played a key backup role — we have already clocked more active nets to this point in the year than half of 2005.

A big thanks to everyone for checking in and participating. Our two nights of most significant weather had high participation numbers. Notably we had check ins from parts of the county we rarely have input — that's great.

Remember, the key to our system is a broad geographic base plus the handful of mobile spotters. We are about ground truth, not chasing.

Not so much on Mondays

We're seeing a direct correlation between a week of storms and Monday training net participation. Bad week, high numbers. Good weather, three checkins. Consistency is a virtue in volunteer organizations. Please take the time to let us know you're home and available for the upcoming week.

More on training

I've harped on it for almost a year, but the reality is participation with governmental entities in the future will require certifications provided from the Department of Homeland Security. The Emergency Management Institute provides these courses for free to the general public. The website address is training.fema.gov.

Over that same year, I've heard considerable resistance — locally, statewide and nationally — toward these requirements. Some of it is legitimate, and it's hard for a volunteer to find time to wedge yet another item into a busy schedule.

Let me offer two important reasons why you should invest the time. The first is an analogy. If you wanted to become a volunteer fireman, you would not expect that just because you want to the fire department is going to let you ride on the back of the truck. You would take training, you would take certification courses, and this would be for your own safety and to insure for the department that you had a basic level of experience and terminology. The second is a blessing. For years, people have complained about a lack of tasks or respect from the public sector toward "amateur" radio. Here's the chance to show the incredible level of dedication, skills and commitment to the craft that is associated with the term "professional."

The door is open. Will you walk through it into a new level of commitment or stand outside and grouse?

2006 Arkansas QSO Party

1. Object: For amateurs to exchange QSO information with as many Arkansas stations as possible on 80, 40, 20, 15, 10, and 2 meter bands. Arkansas stations work everyone else.
 - 1.1 Suggested CW frequencies
 - 1.1.1 3.550, 7.050, 14.050, 21.050, 28.050
 - 1.2 Suggested PHONE frequencies
 - 1.2.1 3.980, 7.260, 14.260, 21.360, 28.360, 145-147
 - 1.3 Suggested PSK frequencies
 - 1.3.1 3580, 7070; 14.070; 21.080; 28.120
 - 1.4 It is recommended that no contesting occur on national calling or guard frequencies.
2. Date and Contest Period: The Arkansas QSO Party operating times are from 1400z Oct. 1 to 0600z Oct. 1 and from 1800z Oct. 1 to 0200z Oct. 2.
 - 2.1 All stations may operate the entire contest period.
3. Entry Categories: (Non-Arkansas and Arkansas)
Non-Arkansas stations compete only against non-Arkansas stations.
Arkansas stations compete only against Arkansas stations.
 - 3.1 Single Operator: (9 categories)
 - 3.1.1 QRP. (Up to 5 watts output power)
 - 3.1.1.1 Mixed Mode (Phone, CW, digital).
 - 3.1.1.2 Phone only.
 - 3.1.1.3 CW only.
 - 3.1.2 Low Power. (Up to 150 watts output power)
 - 3.1.2.1 Mixed Mode (Phone, CW, digital).
 - 3.1.2.2 Phone only.
 - 3.1.2.3 CW only.
 - 3.1.3 High Power. (More than 150 watts output power)
 - 3.1.3.1 Mixed Mode (Phone, CW, digital).
 - 3.1.3.2 Phone only.
 - 3.1.3.3 CW only.
 - 3.1.4 Mobile. (Mixed mode, up to 150 watts output power)
 - 3.1.5 PSK.
 - 3.1.5.1 QRP (5 watts or less)
 - 3.1.5.2 Regular Power.
 - 3.2 Multi-operator, Single Transmitter, mixed mode only. (3 categories)
For the intent of the Arkansas QSO party, Single Transmitter means only one signal may be transmitted on the air at a given time.
 - 3.2.1 QRP. (Up to 5 watts output power)
 - 3.2.2 Low Power. (Up to 150 watts output power)
 - 3.2.3 High Power. (More than 150 watts output power)
 - 3.3 Youth. This is open to any licensed operator under the age of 18. Age to be determined by the opening day of the Arkansas QSO Party.
 - 3.4 Club Divisions: (4 categories)
 - 3.4.1 Arkansas Club Stations (single or multi, utilizing the single club callsign)
 - 3.4.2 Non-Arkansas Club Stations (single or multi, utilizing the single club callsign)
 - 3.4.3 Arkansas Club Aggregate (individual combined scores of club members)
 - 3.4.4 Non-Arkansas Club Aggregate (individual combined scores of club members)

2006 Arkansas QSO Party (cont.)

4. Contest Exchange:
 - 4.1 Non-Arkansas stations send:
Call, RST, and US state/Canadian province/Maritime region/or 'DX'.
 - 4.2 Arkansas stations send:
Call, RST, and county.
5. Scoring:
 - 5.1 QSO points:
 - 5.1.1 Count one points for each complete two-way phone QSO.
 - 5.1.2 Count two points for each two-way CW QSO.
 - 5.1.3 Count three points for each two-way digital (PSK31 or RTTY) QSO.
 - 5.2 Multipliers: (Count per band)
 - 5.2.1 Non-Arkansas stations: Arkansas counties (75 possible per band)
 - 5.2.2 Arkansas stations: US states/Canadian provinces (50 US/13 CAN possible per band)
 - 5.2.3 Arkansas stations: DX countries (maximum 30)/AR counties (75 possible per band)
 - 5.3 Bonus Stations: (Count per band)
 - 5.3.1 Winning station to be determined for high bonus by 2006 Arkansas club entires — 25 points
 - 5.3.2 Any Arkansas section ARRL affiliated club station — 10 points
6. Miscellaneous:
 - 6.1 Single operator, mixed-mode and multi-operator stations may work stations once on CW, once on SSB and once on PSK31/RTTY on each band.
 - 6.2 All entrants may transmit only one signal on the air at any given time.
 - 6.3 No repeater contacts allowed
 - 6.4 Mobile stations operating from Arkansas may be counted more than once per band or mode if the mobile station has relocated to another county. The intent is to activate as many counties, and this is a bonus to the mobiles who operate within the state boundaries.
7. Awards: Certificates will be awarded to:
 - 7.1 The highest-scoring single-operator station in each category
 - 7.2 Top multi-operator entries in each category
 - 7.3 Top operator from each state
 - 7.4 Additional certificates will be awarded as participation warrants.
 - 7.5 The Amateur Radio Klub of the Arkansas Northwest (ARKAN) sponsors the Worked All Arkansas award.
8. Log submission:
 - 8.1 All logs that are generated using a computer must submit an ASCII text file of the log information in ARRL file format. Paper logs in lieu of the electronic file are not acceptable substitutes. Hand written paper logs are still acceptable.
 - 8.2 All entries for this contest must be e-mailed or postmarked by November 15, 2006.
 - 8.3 E-mail entries only to: bismith@uark.edu. Submissions require a summary sheet with all required information (including exchange sent, category entered, power, and US state/Canadian province) and log file in ARRL file format sent as attachments to the email (see General Rules for specific file format).
 - 8.4 Electronic files or paper logs not in acceptable ARRL format may be designated as checklogs.
 - 8.5 Paper entries should be mailed to Bill Smith, K1ARK, 3032 Strawberry Drive, Fayetteville, AR, 72703.
 - 8.6 Paper entries must be submitted on current ARRL entry forms or on a reasonable facsimile.
 - 8.7 See "General Rules for All ARRL Contests" and "General Rules for ARRL Contests on bands below 30 MHz (HF)" in the November 2000 issue of QST. Where a conflict occurs between the Arkansas QSO Party Rules and the ARRL rules, the Arkansas QSO Party Rules shall take precedence.
 - 8.8 General queries should be directed to the Arkansas QSO Party at bismith@uark.edu, or via US mail to the Bill Smith, K1ARK, 3032 Strawberry Drive, Fayetteville, AR, 72703.

Amateur Radio Klub of the Arkansas Northwest Membership Application

Personal Information: _____ New Application _____ Yearly Membership Renewal Application

Applicants Name: _____ Callsign: _____ Class: _____

Age: _____ ARRL Member: YES NO ARES Member: YES NO

Spouse's Name: _____ Callsign: _____ Class: _____

Other household members holding licenses:

Name: _____ Callsign: _____ Class: _____

Name: _____ Callsign: _____ Class: _____

Street Address: _____

City: _____ State: _____ Zip Code: _____

Home Phone: _____ Work Phone: _____ Cell Phone: _____

Email Address: _____ Personal Web Site: _____

Membership in other organiza-

tions: _____

Interests: VHF/UHF Y/N APRS Y/N Packet Y/N Satellite Y/N ATV Y/N Spe. Events Y/N ARES Y/N SKYWARN Y/N HF Y/N Phone Y/N CW Y/N Digital Modes: RTTY Y/N PSK31 Y/N Contesting Y/N

Other Non-Amateur Interests: _____

Please attach a copy of amateur radio license(s) for all those applying for membership. Dues are \$20.00 for first club member and \$5.00 for each additional family member.

I acknowledge that I will follow all FCC rules and regulations as well as the by-laws of the Amateur Radio Klub of the Arkansas Northwest. Any infraction will result in immediate termination of membership in the club.

Applicant Signature _____ Date _____

Sponsored by (Print) _____ Signature _____ Date _____

Board of Directors Approval

License attached: Y/N Dues Payment Attached: Y/N Amount of Payment: \$ _____

RECEIPT FOR ARKAN DUES

Date: _____

ARKAN

Amateur Radio Klub of the Arkansas North-
west

Post Office Box 9701

Fayetteville, Ark. 72703