



WEEKLY 2-METER NETS

All nets listed are 8:00 PM local time

Monday: W5YM University WeatherNet (147.135+, no pl)

Tuesday: Washington County ARES Net (146.955-, 110.9)

Wednesday: ARCUA Traffic Net (147.135+, no pl)

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

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

SERVING
THE
AMATEUR
SERVICE

Newsletter of the Amateur Radio Klub of the Arkansas Northwest

October 2002

Contesting and Awards

ARLAN MEETING

Oct. 28, 2002

AGENDA

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

Program

Don Banta (K5DB) on the awards and
contesting

Business Meeting

Reading of the minutes
Treasurer's report

Old Business

Reports on last month's projects
JOTA
SET Exercise
AutumnFest
Antenna Party
Discussion on this month's projects
Arkansas QSO Party
Worked All Arkansas

New Business

Creation of VEC team
Technician class
Recognition of special guests
Door prize drawings
Meeting Adjournment

NEXT MEETING

Monday, Nov. 25

Sergei Storkov is one of the top competitive DF'ers in the country. Learn more about foxhunting as a sport and direction finding skills.

ARLAN meets at the Arkansas Air Museum at Fayetteville Municipal Field each fourth Monday of the month at 7 p.m.

Don Banta (N5DB) shows the wonderful world of contesting and awards at this month's meeting. A little bit more than chasing "wallpaper," contesting hones skills from working large pileups to pulling out those weak signals. With the Arkansas QSO Party coming up in just a few weeks, what better way to get yourself ready to join in on the fun.

Special guest anticipated

In addition to Don Banta, the club is anticipating a visit from the state leader-ship to present ARKAN with its official ARRL charter.

Speaking of ARRL

The majority of our members in ARKAN are also members of ARRL. If you are, thanks for helping support the hobby. If you are not, please consider joining. The cost of membership isn't much more than a subscription to any major radio magazine -- which of course you get with your membership to ARRL -- and unlike the other publications, ARRL is fighting for the radio spectrum and our property rights.

ARRL's newest club is ARKAN

It's official -- at least according to the ARRL website -- as the Amateur Radio Klub of the Arkansas Northwest is now an affiliated club of the national organization. Next on the list of tasks: special service club status for 2003.

ARLAN on the web at: www.arkan.us

PUBLIC SERVICE EVENTS CALENDAR

The following organizations have asked for amateur radio operators to support their events. Please contact the persons listed. There are more events anticipated for this coming year.

DECEMBER

First Night Dec. 31
Volunteer for two hours and receive admission to events for evening. Event may not continue due to local funding problems with the First Night organization.
CONTACT: Norwin Harral
nharral@sbcglobal.net

MARCH

Heart Walk Mar. 29
The American Heart Association's Heart Walk takes place around the University of Arkansas campus. Several members of ARCUA joined with other amateurs on this event. Time commitment is about one hour on Saturday morning.
CONTACT: Bill Smith
k1ark@arrl.net

JUNE

AIRFEST 2003 June 14-15
More workers are needed for this event. In addition to flight line access, volunteers receive admission when not on duty. Support for communications and event operations.
CONTACT: Bill Smith
k1ark@arrl.net

AMATEUR RADIO EVENTS CALENDAR

Keep in mind these events coming up.

NOVEMBER

Arkansas QSO Party Nov. 10-11
The Arkansas QSO Party shifts its date into November for 2002. Bonus station again is W5YM (University of Arkansas), with special memorial certificate honoring K5GOE, longtime sponsor of ARCUA.

MAY

Dayton Hamvention May 16-18
Bill Smith is looking for a group of amateurs who want to join in on the experience of a lifetime. The drive is only 11 hours (actually very easy), and there is nothing like the world's largest hamfest.

October Meeting Notes

Worked All Arkansas

The certificates are in the works and the official submission form will be attached to this month's newsletter. Check your old QSO cards or get a start on this award in next month's Arkansas QSO party. **Application form is on page seven.**

Speaking of QSO party

If you have never contested before, no better time to jump in than on the state QSO party. If you have little interest in racking up a winning score, at least turn your unit on and be available for those around the country who are looking for Arkansas contacts. The party's no fun for the rest of the nation if you don't attend. **Full rules are on page eight.**

JOTA Report – from our JOTA coordinator, KH7YS

A fun time was had by all who attended. Don Banta and Mose Howard really got things going this year by setting up the new ARKAN/AAM station. We were setup and on the air in no time flat. When I came on the scene, Mose had already made about three QSO's. Mose and I were playing with the new equipment donated by Mr. Dale Rogers. It works beautifully! Mose and I were listening to the scouts from England who are coming in 5 by 9. The England group made QSO's with upstate New York, Wyoming, and Texas.

Mose and I went hunting on various bands for other Scouts. We had some difficulty getting the antenna properly tuned on bands outside of 15m. So JOTA really worked out as a major tweak party for the station. We found that we need to look at the antenna some more and see what we can do to improve it's reception. We found that we did not have an operating manual for the new rig (that has now been fixed) but we played around to see what buttons did what.

It was unfortunate that no local Scouts wanted to participate in JOTA. I hope that we have better luck next year. The ARKAN leadership did make several attempts to inform the local Scouting community but to no avail. While not a resounding success from the Scouting perspective, JOTA was still a success for ARKAN in that we were ready to serve, we were on the air, and we made some QSO's.

73 de KH7YS

Club station getting closer

As you read above, the equipment generously donated to the AAM for the club's use by Dale Rogers had its first workout. More gear from other sources is on the way -- and we might add welcome.

Over the winter months, rack mounting of some of the gear would be a great project to make the station both easier to use and more secure from unauthorized use or unauthorized appropriation.

Nominations are next month

Remember to be at the November club meeting, as this is the time for officer nominations for the upcoming year.

The Tube Prize

Thanks to Fort Smith's Arkansas assistant section manager, Jay Bromley, the club has its own mascot. Jay suggested that we use it as a rotating "door prize" that a member must bring back to the next meeting or face the penalty of buying everyone's dinner! Here's some ground rules:

- * -- No one gets the Tube more than once a year
- * -- If you forget the Tube, either buy everyone's dinner that night OR make a donation (\$5.00 suggested) to the door prize fund.
- * -- If you lose the Tube, you must replace the Tube.

Net controls on 2 meters; adding 6 meters

The various nets on 2 meters need more volunteers for NCS. It is not hard, we have scripts available for all the nets on the club website, and it's lots of fun. Also, several folks discussed adding a six-meter net. All it takes is one person to step up and set the parameters -- time, day, frequency and format.

**AREA 2 METER NETS
MONDAY**

W5YM Unviersity WeatherNet
 Net Control: Bill Smith, K1ARK
 Weather spotter group for Washington County, Arkansas; Information for emergency communications.
 FREQ: 147.135 + (no tone)
 TIME: 8:00 PM local

TUESDAY

Washington County ARES
 Net Control: Rotational
 Weekly instruction and meeting for members of Washington County ARES
 FREQ: 146.955 - (pl 110.9)
 TIME: 8:00 PM local

WEDNESDAY

W5YM Traffic Net
 Net Control: Rotational among students
 Weekly meeting for members of Amateur Radio Club of the University of Arkansas.
 Open to all licensed amateur operators
 FREQ: 147.135 + (no tone)
 TIME: 8:00 PM local

THURSDAY

ARKAN On the Air
 Net Control: Randy DuCharme, AD5GB
 Weekly meeting for ARKAN and traffic handling.
 FREQ: 146.955 - (pl 110.9)
 TIME: 8:00 PM local

OTHER AREA NETS

Benton County Radio Operators
 FREQ: 145.290 - (pl 110.9)
 TIME: 7:00 p.m. Thursdays

TARC Triple T Net -- TARC System
 FREQ: Your nearby TARC linked repeater
 TIME: 9:00 p.m. Thursdays

Arkansas ARES Net
 Net Control: Dale Temple, W5RXU
 Weekly training net for ARES/RACES personnel. Anyone interested in emergency communications with HF privileges is encouraged to check in. Persons without HF are encouraged to monitor. Presentation from Sunday morning is repeated Monday evening.
 FREQ: 3.9875
 TIMES: Sunday morning, 7:00 local
 Monday evening, 7:00 local
 (following close of Razorback Net)

7 DAYS A WEEK

Razorback Phone Net
 FREQ: 3.9875
 TIME: 6:30 p.m. local

Ozark CW Net
 FREQ: 3.592
 TIME: 7:00 p.m. local

From the President

Kevin Thornton, K5KVN

It's fall in Northwest Arkansas! I hope everyone is enjoying the cooler weather and bright, colorful leaves. You might want to take the remaining time of mild weather to winterize your shack and antennae. Wetter weather is on the way, so you might want to make sure you have a drip loop in your coax before it enters your shack. Check your antenna supports and guy wires to make sure they can handle some ice and wind load. Just a couple of ideas to prevent some unwanted problems.

On another note, we have been doing a lot of communication via email concerning club business. Please check your email often. Also, please inform one of the club officers if your email address changes. All of us are ARRL members, so we are using the @arrl.net forwarding service, RIGHT? If not, see www.arrl.org to set it up. It's a free benefit of being an ARRL member. If you know of a ham that isn't a member of ARRL, ask them to join!

And, here's a homework assignment for everyone: Think of program ideas for upcoming meetings. See you Monday the 28th at 7pm. As always, invite a friend!

73,
 Kevin
 K5KVN

CONTACTING YOUR BOARD MEMBERS

Kevin Thornton, K5KVN	President	kthornto@hotmail.com
Gerry White, KH7YS	Vice President	kh7ys@arrl.net
Mose Howard, KB5BV	Treasurer	kb5bv@hotmail.com
Bill Smith, K1ARK	Secretary	k1ark@arrl.net
Randy DuCharme, AD5GB	At-Large Board Member	ad5gb@arrl.net
Norwin Herral, N5YOR	Past President	nherral@olp.net

President	Vice President	Treasurer	Secretary/Newsletter
Kevin Thornton K5KVN 2633 Springbrook Ave. Springdale, AR 72764 H-479-751-6706 W-479-442-0102 kthornto@hotmail.com	Gerry White KH7YS 1731 W. Reap Drive, Apt. C Fayetteville, AR 72703 H-479-799-6178 W-479-575-3762 kh7ys@arrl.net	Mose Howard KB5BV 1775 N. Hunters Ridge Fayetteville, AR 72701 H-479-571-8470 W-n/a kb5bv@hotmail.com	Bill Smith K1ARK 2164 Magnolia Drive Fayetteville, AR 72703 H-479-443-9450 W-479-575-3618 K1ARK@arrl.net

Invite a friend

There are almost 800 licensed amateur radio operators in northwest Arkansas. Do you know someone who has not been to a meeting recently? Do you know someone who would like to become involved? Do you know someone who once was active in the amateur community? Now is the time to ask them to come back.

ARKAN address

The club now has a post office box to serve as the official address of the organization:
 ARKAN
 P.O. Box 9701
 Fayetteville, AR 72703

YOUR ARRL EC REGION OFFICIALS

District L DEC

Bill Smith, K1ARK
K1ARK@arrl.net

Washington County EC

Bill Smith, K1ARK
K1ARK@arrl.net

Washington County Assistant ECs

Kevin Thornton, K5KVN
kthornto@hotmail.com
Overall operations
Randy DuCharme, AD5GB
AD5GB@arrl.net
Digital coordinator
Bryan Spain, WB5YIW
WB5YIW@arrl.net
Liason to Wash. County SAR

Benton County EC

Scott Ratchford, W5JSR
W5JSR@arrl.net

Benton County Assistant ECs

Mike Engelke, KD5DGT,
Siloam Springs
Bob Kendal, K5KBK,
Digital coordinator

Carroll County EC

Marshall Turner, K0ADM
mtturner@mynewroads.com

Madison County EC

Currently vacant and seeking nominations



UPDATE YOUR INFO

A quick note to all Washington County ARES members: Please update your database info as soon as possible. Folks move, change jobs, change phone numbers (in particular cell phone numbers), upgrade licenses or equipment and we need to know. If you have had a change since you filled out your ARES form, please contact one of the members of our county ARES leadership team.

The Weather Report

W5YM University WeatherNet info from Bill Smith, K1ARK Thanks for all the work

This was a great October for amateur radio in the county. I don't think we've had as much activity for events in several years, and the credit goes to the volunteers who took the time to join in.

Simulated Emergency Test

We got a little more than was asked for on the SET after one of the envelopes of simulated traffic was found by a non-participant and classed as a "suspicious object." Nevertheless, the reality interjected added to the pressure for those who were handling traffic.

At either the November or December meeting -- to give those who volunteered more warning -- we'll have a debrief to go over the traffic passed.

The county should score well this year thanks to the volume of traffic moved in the local 2-meter section of the test, and the additional monitoring of nets and frequencies by those who could volunteer later in the day. Thanks to those involved: K5KVN, WD5CND, KC5VGF, KH7YS, KH7XS, KD5BV, KD5NFX, K0ADM, KC5WMZ, KD5SJE.

AutumnFest: Fun, but need more workers

Our second year of assisting with the parade for AutumnFest was a great improvement over last year -- only two folks could make it. This year we had five, but really needed the nine that were projected. Hopefully you can put it down on your calendar now.

The big lesson learned was the need for everyone to have a good HT with strong batteries. The square fills very fast, and movement was difficult. Also, next year, more people will be concentrated in the rally area to line up the floats. With the no-shows and the late-adds, this was more hectic than anticipated. Thanks again to those involved: AB7GL, KD5LKH, WD5CND, KC5VGF.

Regional SKYWARN meeting informative

The University of Arkansas hosted the first regional meeting for the Eastern Oklahoma-Northwest Arkansas SKYWARN group. Amateur radio operators, county emergency workers and members of the National Weather Service office in Tulsa met to discuss operations from the past year and looking toward next year.

Some of the highlights for those that weren't in attendance: Decatur's link to the TARC system should be back on line soon, the new Fayetteville link is all but on the air, a regional net on the TARC system may begin in a month or so, discussions were made on adding winter weather criteria to Tulsa's severe weather reporting.

Top of the list, however, is a request for you to sign up for the group. The goal is to create a data base of spotters who can be called upon by country or NWS personnel if a particular storm is in your area. Signing up is easy -- just go to the group's website: www.okarkskywarn.org

Vests for special events

Now that we have some time, back to a subject brought up last meeting. Earlier this year, ARRL made a stab at something for ECs, but it went nowhere due to the various needs of different regions -- parkas aren't very good in Florida -- and personal tastes.

Here is a suggestion. Wal-Mart currently stocks a "fishing vest", which is really a fly fishing vest but don't tell the bass boaters that, that is a knock off of the khaki safari vest that many photographers use. It has lots of pockets for stuff, is big and loose so it would be OK on a hot day and would still go over a coat in winter, and it is inexpensive. Going with the vest as a basic garment also allows for a great amount of latitude -- members could get the \$20 Wal-Mart one or \$120 for a Banana Republic version. They all tend to look the same.

Everyone seems good with the idea, but here's the hook -- who can make the blanks for the back of the vests and sew on the velcro. I have found the raw material for both, but we don't have a sewing machine at home. And, in talking with those that do it for a living, this isn't a job large enough to warrant their time. Any volunteers?

ARKAN CALENDAR

Make a note of the upcoming programs and events of ARKAN. If you have an idea for a program, contact ARKAN vice-president Gerry White.

OCTOBER

ARKAN Meeting Oct. 28
On the eve of the big national contests, new member Don Banta, N5DB, introduces the world of contesting and award chasing.

NOVEMBER

Arkansas QSO Party Nov. 10-11
Get on the air for the weekend and spend a little time getting to know your fellow amateurs across the state.

ARKAN Meeting Nov. 23
Fox hunting can be much more than just direction finding. Sergei Storkov will show us how the sport of fox hunting works, as well as give tips on better DF.

DECEMBER -- FEBRUARY

Meeting programs are open.

CONTRIBUTE TO THE NEWSLETTER

Do you have a great hint on how to operate? Do you have a new wrinkle on how to build an antenna? Did you discover something exciting in amateur radio that you want to share with others?

Your input and additions are welcome. Please email your articles and other information to the newsletter editor, Bill Smith, one week prior to the club meeting. If you are sending images, make sure they are attached as JPEGs with 300 dpi.

Notes from last month's presentation:

Club president Kevin Thornton, K5KVN, took the group on a tour of the nearby KIX-104, broadcast facility. After the winding drive up the mountain, the gathering twilight gave Kevin the chance to show everyone an unintended benefit of having a 100,000-watt transmitter as the lights in the building gave off a "night-light" glow when they were turned off.

Working his way through the various portions of the transmitter, the club members could see that on a level of basic components, what each had at home wasn't that different from the commercial station. But, that's where the comparison ended. The huge amplifier arrangement, the nitrogen-filled feed lines, the transmitting antenna array and the fully-redundant systems were impressive.

Among the other features of the tower site were the relay links for control of other broadcast positions maintained by the Clear Channel group and the remote broadcast unit, or Marti, that DJs use when operating at remotes around the area.

In the end, no one reported coming home with chiggers, but all had a new appreciation of the level of engineering involved at the commercial FM level.

QSO Party Rules Clarification

I was asked by a person wishing to operate mobile if the same call could be counted in the same band if he changed counties. The answer is -- YES. The goal is to activate as many counties as possible, and a key to that will be mobiles roaming the state. So, as long as the Arkansas station is mobile and you make contact with them in the same band AND they have changed counties, you may count the station more than once per band.

Amateur Radio Klub of the Arkansas Northwest

Minutes of September 2002, meeting Arkansas Air Museum; Fayetteville, Ark.

Business meeting was called to order at 7:00 by Kevin Thornton, K5KVN.

A motion to accept the August minutes as printed in the July newsletter was made by Randy DuCharme, AD5GB, and seconded by Gerry White, KH7YS. The motion carried unanimously. Mose Howard, KB5BV, presented the treasurer's report. The account balance was unchanged. Bill Smith, K1ARK, made the motion to accept the report, seconded by White, KH7YS. The motion carried unanimously.

Under old business

White asked again for volunteers for the JOTA, as did Smith for AutumnFest and SET. Scott Ratchford, W5JSR, gave an update on the Arkansas Repeater Council's meeting at the Mena Hamfest. He indicated the board set a deadline of Nov. 1 regarding the 2meter petitions set forth by WX5NWA, and said there were questions regarding Smith's 70cm applications. Smith indicated he was waiting for a response from ARC on queries before making a decision on which units would be put on the air. Ratchford said that the letter signed by the area clubs was well received by the ARC.

In new business

The group inspected the gift of equipment from Dale Rogers to the club. White noted this would be especially helpful for JOTA next month. Smith asked the group to consider operating the equipment as a club station in the upcoming Arkansas QSO.

DuCharme made a motion to adjourn, seconded by Smith, at 7:20 p.m.; and the group departed for the KIX-104 transmitter site.

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 organizations: _____

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 Northwest Arkansas Amateur Radio Club. 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: _____

Received from: _____ Callsign: _____

Amount: _____ \$ _____

For: _____

Received By: _____

ARKAN Worked All-Arkansas Award Work Sheet

To qualify for the Worked All-Arkansas Award, a station must have written verification of QSOs -- any band or mode -- with all 75 counties of the state of Arkansas. Please fill in the application sheet below, and return the completed application plus a \$5.00 award certificate fee to: ARKAN, P.O. Box 9701, Fayetteville, AR, 72703. All applications must be verified and signed off by two current officers of a registered ARRL club, or by presentation of cards with form. If sending cards, please include return postage.

COUNTY	CALL	TOWN	BAND	COUNTY	CALL	TOWN	BAND
ARKANSAS	_____	_____	_____	LAWRENCE	_____	_____	_____
ASHLEY	_____	_____	_____	LEE	_____	_____	_____
BAXTER	_____	_____	_____	LINCOLN	_____	_____	_____
BENTON	_____	_____	_____	LITTLE RIVER	_____	_____	_____
BOONE	_____	_____	_____	LOGAN	_____	_____	_____
BRADLEY	_____	_____	_____	LONOKE	_____	_____	_____
CALHOUN	_____	_____	_____	MADISON	_____	_____	_____
CARROLL	_____	_____	_____	MARION	_____	_____	_____
CHICOT	_____	_____	_____	MILLER	_____	_____	_____
CLARK	_____	_____	_____	MISSISSIPPI	_____	_____	_____
CLAY	_____	_____	_____	MONROE	_____	_____	_____
CLEBURNE	_____	_____	_____	MONTGOMERY	_____	_____	_____
CLEVELAND	_____	_____	_____	NEVADA	_____	_____	_____
COLUMBIA	_____	_____	_____	NEWTON	_____	_____	_____
CONWAY	_____	_____	_____	OUACHITA	_____	_____	_____
CRAIGHEAD	_____	_____	_____	PERRY	_____	_____	_____
CRAWFORD	_____	_____	_____	PHILLIPS	_____	_____	_____
CRITTENDEN	_____	_____	_____	PIKE	_____	_____	_____
CROSS	_____	_____	_____	POINSETT	_____	_____	_____
DALLAS	_____	_____	_____	POLK	_____	_____	_____
DESHA	_____	_____	_____	POPE	_____	_____	_____
DREW	_____	_____	_____	PRAIRIE	_____	_____	_____
FAULKNER	_____	_____	_____	PULASKI	_____	_____	_____
FRANKLIN	_____	_____	_____	RANDOLPH	_____	_____	_____
FULTON	_____	_____	_____	ST. FRANCIS	_____	_____	_____
GARLAND	_____	_____	_____	SALINE	_____	_____	_____
GRANT	_____	_____	_____	SCOTT	_____	_____	_____
GREENE	_____	_____	_____	SEARCY	_____	_____	_____
HEMPSTEAD	_____	_____	_____	SEBASTIAN	_____	_____	_____
HOT SPRING	_____	_____	_____	SEVIER	_____	_____	_____
HOWARD	_____	_____	_____	SHARP	_____	_____	_____
INDEPENDENCE	_____	_____	_____	STONE	_____	_____	_____
IZARD	_____	_____	_____	UNION	_____	_____	_____
JACKSON	_____	_____	_____	VAN BUREN	_____	_____	_____
JEFFERSON	_____	_____	_____	WASHINGTON	_____	_____	_____
JOHNSON	_____	_____	_____	WHITE	_____	_____	_____
LAFAYETTE	_____	_____	_____	WOODRUFF	_____	_____	_____
				YELL	_____	_____	_____

I certify the contacts listed above as correct by visual inspection of the confirmed written QSOs, and I am a duly elected Ark. ARRL club officer.

#1 PRINT NAME: _____ CLUB: _____ SIGNATURE: _____ DATE: _____

#2 PRINT NAME: _____ CLUB: _____ SIGNATURE: _____ DATE: _____

Arkansas QSO Party: Nov. 10-11, 2002

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. 2002 event also as memorial to K5GDE.

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. Reminder, contest begins at close of Razorback Phone Net, 3.9875.

2. Date and Contest Period: The Arkansas QSO Party operating times will be from 0000z to 0600z on the 10th of November 2002; 1400z on the 10th of November 2002 until 0100 on the 11th of November.

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)

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/Maritime regions (63 possible per band)

5.3 Bonus Stations: (Count per band)

5.3.1 W5YM (University of Arkansas student station) — 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. [EXCEPTION -- Mobiles who have changed counties.]

6.2 All entrants may transmit only one signal on the air at any given time.

6.3 No repeater contacts allowed

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 December 15, 2002.

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, 2164 Magnolia 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, 2164 Magnolia Drive, Fayetteville, AR, 72703.



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