



July 2025

ARKANSAS DIAMOND RADIO CLUB NEWS LETTER

Volume 45

Local Nets:

Petit Jean Mountain
Monday Night
7:30pm 146.685
141.3 Tone

ADARC Simplex
Thursday Night 8pm
146.51 No tone no
offset

CAREN Statewide Net
Tuesday Night 7pm
146.330 pl 114.5

FARC Conway
Thursday Night
7:30 pm 146.970 pl
114.5

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Next Meeting July 10th

North Fire Station

By the Hospital and Next to Colton's

5pm ish if you want to eat

6pm for the regular meeting

General Exam Review Questions just for fun

G9A02

What is the relationship between high standing wave ratio (SWR) and transmission line loss?

- A. There is no relationship between transmission line loss and SWR
- B. High SWR increases loss in a lossy transmission line
- C. High SWR makes it difficult to measure transmission line loss
- D. High SWR reduces the relative effect of transmission line loss

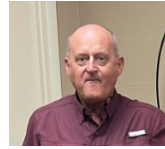
G9A07

What must be done to prevent standing waves on a feed line connected to an antenna?

- A. The antenna feed point must be at DC ground potential
- B. The feed line must be an odd number of electrical quarter wavelengths long
- C. The feed line must be an even number of physical half wavelengths long
- D. The antenna feed point impedance must be matched to the characteristic impedance of the feed line

Answers found on Page 6

Greetings from the PREZ – David W5WUP



As I write this evening, several things are going through my mind.

Last weekend, Field Day Weekend, we had a great time and the initial numbers are:

We had a total of 110 no duplicate QSOs for a total score of 318. Our bonus points total 720 with 50 points for electronic submission. Total 1088 points

However, this underscores the events in Texas this 4th of July weekend. The horrific flooding and loss of life illustrates an opportunity for Amateur Radio to be of service to the community and for the First Responder network. Had the events taken out communication, like hurricane Helene in West Virginia, North and South Carolina, we in the Amateur Radio community would have been an invaluable resource.

This is why we hold ARRL Summer Field Day every year, to exercise our emergen-

cy traffic handling skills, develop our ability to move with the needs, and to serve our communities.

We should all take a moment and reflect on how our HOBBY can be vital to our fellow man.

The video that Larry Miller captured on Saturday, the 28th, has garnered 11,600 views, which amazes me, but it is a testament to interest in what we do.

73s,

The PREZ
W5WUP
David



David setting up a station for field day

Blast From the Past April 2013 Newsletter.

From the EDITOR

I am going to try and make this news letter about doing things a little different and about suggesting ways that you might want to try and get on the air a little or a little more. A number of the stories are directed to projects for Techs that would like to try different things.

The Tuesday night meeting is about CW and how to learn to love it.. WW5AA, Lindy Lindermeier is going to give us a little help to learn how to love it. CW was of course the first way to communicate over a wire and then over the air. For those of you that don't know, first Morse code was from 1837 and what was used by the railroads is not the code we use today. It was a lot more complicated. The International Morse we use now actually came from Germany. The first sentence transmitted was "What hath God wrought".

April 6 was or will be the Hanging Judge Hamfest in Fort Smith. I hope this gets to you early enough to go. If not we had a great time.

We have two things on the agenda for Tuesday night. Lindy and his first CW class and where are we going to have our Field Day program. For the last few years we have had it at my favorite spot on the mountain at that is at the Petit Jean Grave site. This year our biggest support the Superintendent at the park Wally Scherrey will be retiring.

One of the first things that you learn about HAM radio is that the control operator sets frequencies that you can operate on. If you are a TECH and you would like to try your hand at HF you can if you have a General, Advanced, or Extra controlling the station and use their call sign or in our case the club call sign KE5FSY.

With that said, the Cabot Club is having a mini Field Day and they have invited others to come try their hand at HF. Last year

Blast From the Past continued..

they were on Petit Jean and I just wish I could have watched them work. They had the neatest self contained systems you have ever seen. When they pick a place I would encourage you to go and watch them work and they might ask you if you would like to try your had at calling CQ.

If you enjoy working Simplex (without a repeater) you might want to read the second story about the contest without any

rules for 2 meter simplex operation.

This note is direct to new Generals, particularly those that haven't really gotten on the air yet. You have a radio and an antenna and you think every thing is set up and ready to go and all you lack is a little courage and what am I going to say when I get on the air? You just can't bring your self to push that button down and talk.

Getting on the Air by Roger Alabach KF5SDE

As you may know there are many ways to enjoy our amateur radio hobby. In the article I will describe some of my activities and hopefully encourage you to spend more time on the air.

Parks on the Air. Most of you know what this is. If not go to their website. On any given day there are stations located at various parks all around the US and in some other countries as well calling CQ. Some I can work and some I can't. The benefits I get from participating in this are many. First, I make contacts at various times of the day to determine how well my antenna is functioning. Also, by doing POTA hunting as they call it, I learn about propagation hands on. I learn the best time of day to work certain bands. Second, on a busy day park hunting gives me practice on busting through a pile up. This is helpful for other activities like Field Day or working a special event station. It is also cool to see how many QSOs I can make. As of this writing I have successfully hunted over 700 parks.

Special Event Stations. Some of the most interesting QSL cards that I have received come from working special event stations. This can be challenging at times because there is often a pile-up on these stations. Finding these stations where the propagation is right can also be a challenge. The spotting sites on the web don't always indicate when they are on the air. The ARRL has a listing of special event stations.

You can find that here: <https://www.arrl.org/special-event-stations>. Route 66 on the air is a multi-station event where you can get a certificate by making a "clean sweep." That event commences in September.



My special event wall

DX Peditions. I am a card collector so working a DX Pediton gives me the opportunity to collect cards from foreign stations. The challenge here is to erect an antenna that works, understand propagation, and almost always work through a pile-up. Also getting a QSO from a rare location can be very satisfying. There is a DX Pediton calendar online: <https://dxnews.com/calendar/>. Also, most spotting sites will indicate when these stations are being worked. **Continued on next page.**



Get on the Air cont.

Contesting. I have only participated in one or two this year. I make very little points. My objective is to make contacts in countries where I have not made contacts before. And of course, exchange QSL cards when possible. You can find a contest calendar here: <https://www.contestcalendar.com/index.php>.



My QSL Wall

I hope my experience list will encourage you to get on the air. Feel free to contact me at kf5sde@gmail.com and tell me what you are doing. I will post anything interesting in our next newsletter.

Field Day Pictures



Jimmy Hart visit



Dave was live on MCC with Larry Miller



Charlie worked 3 QOs



Jim and Roger



Stewart on his birthday

Answers from page 1:

G9 A02: B. High SWR **increases** loss in a **lossy** transmission line

G9 A07 D. The antenna feed point **impedance** must be **matched** to the **characteristic impedance** of the feed line

Meeting July 10th: Don't miss our meeting.

Program: Club business and future plans.

Tech night: Our Tech night in June went very well. John Evans WB5BHS gave us a Field Day preparation talk. He identified ways to get points other than making QSOs. We took his advice and made more bonus points than QSO points.

Hamfests: **Joplin Hamfest, Joplin, MO, August 22&23**

Mena Hamfest, Queen Wilhelmina State Park, Sept. 5&6

Petit Jean Hamfest, Lutheran Camp, October 11th.

Please comment or make suggestions concerning our newsletters. kf5sed@gmail.com



Information Table @ Field Day



Here are a couple of Special Event Stations that might be of interest.

07/18/2025 | Viet Nam Veterans Memorial Wall Replica

Jul 18-Jul 20, 1400Z-2200Z, W4L, Antioch, IL. Wisconsin and Illinois Radio Enthusiasts (WI9RE). 7.250 14.250. QSL. QSL will be sent via FCC ULS, or, WIRE, c/o 25395 W. Richmond Ave., Antioch, IL 60002. July 18 and 19, 1400Z-2200Z daily, and July 20 1800Z-2200Z.

07/18/2025 | W3A Commemoration of Apollo 11 Live TV From the Moon that Allowed the World to See Mankind's First Steps on the Lunar Surface

Jul 18-Jul 21, 1300Z-2200Z, W3A, Hunt Valley, MD. Amateur Radio Club of the National Electronics Museum (ARCNEM). 14.269 14.069 7.269 7.069. Certificate & QSL. ARCNEM, 338 Clubhouse Road, Hunt Valley, MD 21031. Amateur Radio Club of the National Electronics Museum (ARCNEM) will operate W3A commemorating live TV from the moon that allowed the world to see mankind's first steps on the lunar surface

08/01/2025 | Antique Power Show

Aug 1-Aug 3, 1300Z-2359Z, W9R, Beaver Dam, WI. Rock River Radio Club. 14.275 28.375 7.275 21.275. Certificate & QSL. Rock River Radio Club, PO Box 26, Juneau, WI 53039. To get a nice Certificate, send a QSL card, two stamps and a \$1.00. <https://www.dcapclub.org>

Aug 2, 0130Z-0830Z, W6P, Vacaville, CA. Vacaville Amateur Radio Club (W6VVR). 7.200 MHz 14.250 MHz 28.500 MHz. QSL. Art Aronsen, 7319 June Bug Lane, Vacaville, CA 95688. There will be 3 stations on Alcatraz Island during times stated. All stations will be on SSB on battery. w6vvr.net

09/06/2025 | ROUTE 66 ON THE AIR

Sep 6-Sep 14, 0001Z-2359Z, W6JBT, San Bernardino, CA. CITRUS BELT AMATEUR RADIO CLUB. 3.866 7.266 14.266 28.466. Certificate & QSL. CITRUS BELT AMATEUR RADIO CLUB, PO BOX 3788, San Bernardino, CA 92413. The Citrus Belt Amateur Radio Club of San Bernardino, California will host the 26th annual Route 66 On The Air special event, September 6-14, 2025. The event offers radio amateurs a chance to perhaps relive their own Route 66 memories and to celebrate the famed highway's rich history. Opened in 1926, US Route 66 was the first major improved highway to link the West Coast with the nation's heartland; it once served as the backdrop for a popular TV show and has been the subject of songs and stories.

For a more complete list of upcoming special event stations go to: <https://www.arrl.org/special-event-stations>

Arkansas Diamond Amateur Radio Club

P.O. Box 1262
Morrilton, AR 72110.

The Arkansas Diamond Radio Club (KE5FSY) of Morrilton News Letter This bulletin is published 4 times a year for the promotion of HAM radio. Ham radio is for enjoyment and is the emergency back bone of communication for the communities. When all else fails we will be there, we have in the past and will be in the future. Editors are KF5SDE Roger Alabach kf5sde@gmail.com All HAM related stories are welcome.


Organization

Club Officers

David (W5WUP) is the Club President, Conway County ES Training & Resource Officer, County Emergency Coordinator for ARES/RACES/AUXCOM.

Roger (KF5SDE) is the Club Vice-President and the Deputy Communications Officer for Conway County ES/911. He is also in charge of the quarterly newsletter.

Steve Beavers (KF5DIF) is the Club Treasurer and Director of Conway County Office of Emergency Services/911

We are on the web

<https://arkansasdiamondarc.com/>