

# Anderson Repeater Club, Inc.

September, 2022

Our regular meeting will be on Tuesday, September 6, 7:00PM at the EOC Training Room. Please plan to attend. Our agenda will include a technical presentation by Dave Gingrich, K9DC, on the IRLP system, the history, how it works, etc. Dave is the primary leader of the IRLP activity in Indiana and manages the 9700 reflector in Indianapolis. Come prepared to learn about another interesting amateur radio topic. Remember that our 147.090 repeater (node 4834) is connected to the 9700 IRLP reflector full time.

I'm sorry to report that Floyd Elmore, N9JDR, became a Silent Key on July 19. Floyd was a Club member from 1990 to 2011 and was active in EMA during that time also. We will miss him.

In October, MFJ Enterprises will be celebrating 50 years in business. Martin Jue, K5FLU, founded the company in 1972 and since then has acquired Hy-Gain and Cushcraft antennas. They currently manufacture over 2000 products, and I bet most of us have one or more, or at least have had. Like any company some folks have had really good luck with their products and others not so much. But it's great to know that a company with products dedicated to amateur radio can make it and grow their business.

Our VE Test Sessions continue to produce new hams for our hobby. Although we had no candidates at the July session in August we had 4 candidates resulting in 1 new licensee and 2 upgrades. For our 5 sessions this year we have 10 new licensees and 2 upgrades. Thanks to the VE team members who show up each month. We are always open to other members who wish to become a VE. Check the ARRL web site for information and the test to become certified. Amateur Extra licensees are able to administer all of the test elements.

You may have seen the link to the ARRL 2021 Annual Report. It contains a lot of information related to the ARRL contribution to the hobby, but I noted some specific items:

FCC Information as of December, 2021:       779,924 Licensed Amateurs  
                                                                  31,597 new licenses issued (up 6%)  
                                                                  11,391 License Upgrades (up 24%)

ARRL and VEC information as of Dec 2021: 158,238 ARRL Members  
                                                                  ARRL VEC administered 68% of exams  
                                                                  26,806 Exam Applicants  
                                                                  8,478 Exam Sessions conducted  
                                                                  27,406 accredited VE's

The General Class Question Pool will be updated effective July, 2023, so you might consider studying and upgrading prior to that change. As you may know the Technician Class questions were changed in July of this year.

I'm sorry to report the passing of Marjorie Dyer, the Mother of Jeff, K9DYR. She had a good life for 105 years and I hope that Jeff inherits those genes!

See you on Tuesday,  
73, Steve, WA9CWE, Secretary, ARC

From the ARRL Club News for July 19, 2022:

## FCC Legacy CORES System Has Been Retired

The Federal Communications Commission (FCC) retired the [Legacy version](#) of its COMmission REGistration System (CORES) on July 15, 2022. CORES is the FCC's public-facing database that enables and tracks certain types of FCC and FCC applicant actions, including amateur radio applications and licenses. Its implementation has enabled routine amateur applications and licenses to be issued overnight instead of over weeks, as was the case with earlier methods. The [updated version of CORES](#) is now available.

In essence, CORES is designed to identify those who hold certain types of FCC licenses and FCC authorizations, including amateur licenses, and organize them in an easily accessible manner under a common FCC Registration Number (FRN) regardless of whether one holds a single such authority or thousands. The new CORES, in addition to assigning individual FRNs, allows holders of multiple FRNs to aggregate them under a single account where the licenses and authorizations, fees and payments, and related actions can be administered from within the same account.



In effect, new CORES can be conceptualized as an electronic interactive file folder. The [updated version of CORES](#) has been available since 2016, and its use is now mandatory for all amateur licensees when submitting amateur-related applications.

The Legacy CORES website now re-directs users to the [Commission's updated CORES](#) site. Although some functionalities in the old system will continue to work for a short time, the [FCC has urged all users](#) to transition to the updated CORES system to take advantage of its enhanced security and functionality.

### Register with the FCC

Licensees that do not already have an FCC CORES Username Account must create one with a unique username (a valid email address) and password. After creating the account, when logged in, users should associate their existing FRN or FRNs with this account. Instructions for doing so are on the [FCC Registration Help](#) web page. One's FRN is printed on all current amateur applications and licenses, and will not change. FRNs can also be found by looking up one's call sign in the Commission's ULS (<https://wireless2.fcc.gov/UlsApp/UlsSearch/searchLicense.jsp>) or by using the FCC's [Advanced Search](#) web page.

The FCC has posted [tutorial videos](#) to assist with the transition. ARRL VEC Manager Maria Somma, AB1FM, recommends viewing "Getting Started With the New CORES," which explains how to register for a CORES Username Account, and "Associating an FRN to a Username," which instructs Legacy CORES users on how to link one or more existing FRNs to a username. [FCC CORES Registration Instructions](#) can also be found on the ARRL website.

Additional information is available on the [FCC](#) website or by calling the FCC Licensing Support Center at 877-480-3201, Option 4, and on the FCC's [e-support](#) web page.

## Meeting Minutes – July 5, 2022

The meeting was called to order at 1900 by the President, Ferrin, N9VZL. With new members and visitors present Ferrin asked everyone to introduce themselves.

**New Member Applications** - Secretary Steve, announced that we had three applications for membership with each being a temporary member until this vote. K9ALC Greg Hunt, KD9TXH, Jeff Friend, and KD9ISO, Tom Cole, were moved for full membership by WA9CWE and seconded by K9TZJ. Upon a vote of the members present all in affirmative they were welcomed to the Club as full members for 2022.

**Approval of Minutes** - President Ferrin asked if all had received the Newsletter and Minutes of the May meeting and if any additions or corrections were necessary. Upon a motion by W9GNR and second by K9TZJ that the Minutes be approved as published all members present voted in the affirmative.

**Illnesses or Silent Keys** – None known or reported.

**Treasurer's Report** – Treasurer Gerald, K9GDH, reported that the Initial Treasury balance was \$3,315.19. Deposits of \$566.00 from the donated equipment auction and \$115.00 in dues with an expense of \$283.00 to the MCARC as their share of the auction result in a new balance of \$3,713.19. Upon a motion by W9GNR and a second by KV9W that the report be accepted all members present voted affirmative.

**Correspondence** – WA9CWE reported the only correspondence was a flyer for the upcoming Auburn Hamfest on August 13.

**146.820 Repeater Report** – Trustee Tom, KA9SYP, reported that it's working fine as usual.

**147.090 Repeater Report** – Trustee Jeff, K9DYR, reported it's working fine. It does need to have the call sign changed since it's still the old trustee's (KB9VE) in the controller. He needs to figure out how to make that change. WA9CWE, reported that the trustee change has already been updated in the Indiana Repeater Council records.

**145.390 Repeater Report** – Trustee Mark, W9MWM, was not present. This repeater is sponsored by the Madison County ARC.

**443.350 Repeater Report** – Trustee Steve, WA9CWE, reported that it's working fine, just little to no activity. This repeater is sponsored by the Madison County EMA.

**223.860 Repeater Report** – Ferrin reported that it's working, but the receiver doesn't seem to hear anything again. We need a new Trustee to take over the responsibility and Lynn, K9RLE, volunteered to become trustee. The call will be changed to W9OBH, the Club Call. Upon motion of K9TZJ and second by W9GNR that Lynn become the trustee all members present voted in favor.

**ARES Report** – EC Gary, W9GNR, reported that there has been a great deal of activity over the last month with Field Day, the State Exercise and other events. Report upcoming. He also reminded everyone that the "Task Book" that the Comm. Division is using is a valuable document to confirm your capabilities if your skills are needed in an area outside of our County. It is available from him (or Jeff). Email Gary with a request and he'll send you a copy.

**Weather/Warning Division Report** – Warning Division Supervisor Dale, KV9W, reported the hope for rain in the next 48 hours that we need badly. Tom, W9EEL, commented that this morning he saw very high cumulus clouds at 7:00AM. This indicates that the atmosphere is full of energy and there is the possibility of severe weather at any time, perhaps tomorrow morning. Dale reviewed the June 8 Tornado in Summitville including a video of the approaching tornado and numerous photos of the damage with analysis. The estimation was an EF0 tornado with 85MPH winds, a path of 0.6 miles and 25 yards wide. During the discussion we were reminded that a tornado can take any directional path, but it typically goes in the direction of the severe weather that in the spring is typically southwest-northeast and in the summer/fall northwest-southeast.

**EMA Report** – Director Jeff, K9DYR, reported on the State Exercise held at the EOC. There has not been a Hot Wash yet, but the comments he received indicated that the communicators did a good job. The participants felt that this was a very good EOC type exercise. Tom, KA9SYP, observed that the first day there were so many people in the EOC that it couldn't function as planned. The second day adjustments were made to resolve that issue. He expects that in 3-4 weeks a final report will be published by the evaluators and observers. There were 34 Counties involved and many State

and Federal organizations represented.

**Outreach Report** – Deputy Director Lynn, K9RLE, announced that there are several Outreach events scheduled and Amateur Radio is a major part of this activity. It is also a great opportunity to show off our hobby and get others interested in it. The first event is the 4H-Fair in Alexandria from July 17 to 23. We plan to be active from 5P-9P each evening and all day on Saturday. The Outreach Trailer is stocked with handouts and other needed items such as the handout bags that are already prepared. He'd like amateurs to plan to be there to communicate and show off go-boxes and other operations/communications. They will be taking the electronic sign too. Lynn has a schedule sheet for communicators to sign up to help. Other Outreach events will be the Elwood Glass Festival and the Pendleton Public Safety Day.

**VE Team Report** – Steve, WA9CWE, reported that the May and June test sessions resulted in 5 new licensees, some of whom are here tonight. So far this year we have had 9 new licensees. This is our 11<sup>th</sup> year of monthly testing opportunities.

**Show-and-Tell** – No one brought anything this month.

**Old Business** – None.

**New Business** – None.

**Announcements** – Vice-President Gary, W9GNR, reported on a few Special Event stations that will be on the air in the upcoming month, several contests and Hamfests.

Ferrin mentioned that he had seen a report of a Drone being used to support an End Fed antenna for Field Day.

**Technical Presentation** – Steve, WA9CWE, presented information on End Fed Antennas, both End Fed Half Wave and Random Length End Fed including the differences required in the way of UNUN's for each. There were many pictures of installations of these and other antenna systems. Donnie, WA9TGT, provided additional information since his installations were used as examples of how an end fed antenna can be strung around using available space. Other antenna ideas such as attic antennas were shown and discussed. Even though these antennas aren't necessarily required for Technician Licensees the presentation is meant to encourage them to upgrade to General/Amateur Extra, take advantage of other exciting aspects of the hobby and realize that low-cost antennas in the available space are practical and effective.

**Adjourn Meeting** - Upon motion of K9TZJ and W9GNR the meeting was closed at 2036. There were 23 members and 3 guests present.

Respectfully submitted,  
Steve Riley, WA9CWE, Secretary, ARC