



Di-Dah-Dit

Official Newsletter of the Parkersburg Radio Klub
1722 20th. St. Parkersburg, WV 26101

FCC Legacy CORES System to be Retired

The Federal Communications Commission (FCC) will retire 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. ARRL The National Association for Amateur Radio® advises the amateur radio community to transition to the updated version of CORES as soon as possible.

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 authorization, 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 now its use will be mandatory for all amateur licensees when submitting amateur-related applications.

Starting on July 15, 2022, the Legacy CORES website will re-direct 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 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 page.

The FCC has posted Tutorial Videos to assist with the transition. ARRL VEC Manager Maria Somma, AB1FM, recommends viewing the videos "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 page.



Field Day 2022: 500,000 Contacts Already Reported

The 2022 ARRL Field Day wrapped up nearly a week ago, and ARRL Headquarters has already received over 2,400 entries submitted via the line Field Day Entry web application. Early analysis reveals that most of the entrants participated as Class D -- home stations, and Class E -- home stations using emergency power.



As of June 29, the breakdown of Field Day entries by Class showed 2,723 total entries, with 272 in Class A, 361 in Class B, 32 in Class C (mobile), 1,524 in Class D, 484 in Class E, and 50 in Class F.

So far, a total of over 517,000 contacts were reported for the event and those numbers are changing daily. In 2021, there were 1.5 million contacts made during Field Day activities.

Many participants were keeping their hopes up for better propagation, as early forecasts were looking promising. ARRL Contest Program Manager Paul Bourque, N1SFE, said that propagation aside, there was substantial activity. "While band conditions might not have been the greatest, there was a good amount of activity on the bands this past weekend. Many participants seemed to agree that the recent rule changes, capping transmitter power output to 100 W, were a good idea," he said.

Dustin Lomax, KF7FK, reported in his Soapbox comments that it was his first Field Day in which he used CW, adding that "CW was a fun change of pace that really helped make the most of marginal band conditions in WWA [Western Washington]."

There is still plenty of time to submit your 2022 Field Day entry. Participants who submit their entries using ARRL's Online Submission Form can earn 50 bonus points and will receive an email confirmation of their completed entry. Be sure to check the Entries Received web page to verify your entry's status. If it indicates "Pending documents," the required dupe sheet (or in lieu of that, a Cabrillo log file) or other supporting documentation of claimed bonus points is missing.

Participants can edit or add documentation to their online submissions by using the link provided in the confirmation email. Field Day entries must be submitted online or postmarked no later than 2059 UTC on July 26, 2022.

2022 Field Day was highly promoted thanks to the efforts of many ARRL Division and Section volunteers, amateur radio clubs, and their members. Many states and counties obtained special proclamations from local governments designating the weekend (in some cases the whole week) as Field Day and Amateur Radio Week, recognizing the many contributions of amateur radio operators during emergencies and with serving their communities.

ARRL treated participants with a live video stream from W1AW, its Headquarters' station, throughout Field Day. Life Member Karl Schwab, KO8S, of Warren, Michigan, was delighted with making contact with

W1AW during Field Day. "I heard W1AW calling CQ Field Day on 20 m SSB," wrote Schwab. "I responded and then heard, 'Kilo Oscar Eight Sierra, you're 5 Foxtrot Connecticut.' I responded with my report, and got in their log. ... After Field Day, and uploading my log, I went to the ARRL website and there I found a 4-hour video was available on YouTube, showing W1AW during their Field Day activities. While watching this video, at hour 2, minute 55, I heard and saw my live contact with them! [This] was a special moment for me. One I will never forget." A recording of the W1AW live stream is on ARRL's YouTube channel.

Large Radio Wave Data Collected by Amateur Radio Operators

Dr. Nathaniel A. Frissell, PhD, W2NAF, recently published a research article titled, "First Observations of Large Scale Traveling Ionospheric Disturbances Using Automated Amateur Radio Receiving Networks." Dr. Frissell is an assistant professor at the University of Scranton's Physics and Electrical Engineering Department. Supported by a team of researchers from NASA and the Ham Radio Science Citizen Investigation (HamSCI), he was able to observe the large waves for the first time. Volunteers from the amateur radio community collected the data. The waves are larger than the state of Texas and travel through the Earth's atmosphere faster than jet-powered aircrafts. They affect all forms of communication, including amateur radio. You can read the original research paper here or at the NASA Citizen Science Highlight website.

Minutes

Park meeting minutes April 11, 2022

Mike called the meeting to order at 6:30 PM

Introductions by 15 members and guests.

There's no treasures report this month.

Minutes for February meeting were read and approved. There were no March meetings minutes because the meeting was canceled due to a roof leak.

Old business:

Jerry, KA8NJW reported on a few things:

1, He had success in obtaining free copies of On The Air magazine to give out the new hams. Many thanks goes to the club coordinator for West Virginia for the ARRL, Mike Walters, W8ZY.

2. The shelter behind the cabin has been secured for a field day this year. We don't know if we have to pay rent yet that has to be decided by the Wood County commission.

A port-a potty's have not been ordered yet. But will be.

3. The special event station for Volcano Days, in September, has been submitted to QST. For publication in the September issue. We hope to operate two stations on 20 and 40 m and may be some CW thrown in.

In the absence of Earl KB8HRG no report was made on the repeater system.

New business:

A new member was inducted into the club KB8RUM Dennis Copple.

There was discussion about what would happen if we had to cancel the meeting. It was decided that we would

do the meeting on the repeater. This was the method used during the pandemic shut down and it seemed to work OK.

Bob Lyons, KB8EFB brought a show and tell item, a small 8 TB USB drive we calculated it would hold 2 million songs. We decided that would probably be enough to keep Bob happy.

Bob made a motion to adjourn it was seconded by Denny., so we adjourned before 7:00.

Minutes recorded by Mary Wharton

Park minutes May 9 2022

Mike called the meeting to order at 6:30 PM at Western Sizzlin steakhouse,

Introductions were ahead by 33 members and guests.

The treasurers report was given by Jane. the balance was the same as last month with no activity.

Minutes from the April meeting were read by Mary W they were accepted as read.

50-50 raffle of \$25 was one by Dennis, KB8RUM, a new member.

Old business:

Earl talked about the fusion repeater and how he did not want to be solely in charge of this project.

The decision had already been made to buy the repeaters and so we decided to continue with that prospect. No vote was needed. As Earl had not made a motion., Mike appointed a committee of Conard, Phil, Jim, and Earl that would do the ordering and setting up. Most seemed to agree this would take to burden off of Earl. That way Earl would not be pressured to do the work by himself which is understandable.

Jerry KA8NJW, reiterated that the shelter has been obtained for use on Field Day at Fort Boreman Park. Earl is going to obtain the key to the cabin and Jerry would get the porta potty ordered as needed.

It was decided as in years past they would be a meeting on Friday night before field day to put up ropes for antennas.

It was also discussed and if you wanted to operate you needed to bring your own equipment or make arrangements to have equipment that you could run so that there was no Time wasted in learning to operate the machinery. Connard will be in charge of logging software.

New business:

The only new business we had was the entered introduced to new members of the club James McComas KE8TKY and Dennis Copple KB8RUM.

It was noted that next months meeting will be right around Curt's 90th. birthday And something will be done at that time to commemorate That milestone.

Bob KB8EFB moved that the meeting be adjourned at 7:05, accepted by all. Minutes taken by Mary WHARTON. Comments by Jerry.

Minutes of June Meeting

Premeeting activities.

People started arriving early about 5:30 in order to celebrate Curt's, K8UC 90th birthday.

The MC of the pre-event was Larry Dale KF8NW. He entertained us with stories of adventures with Curt and even sang a song, about kicking a dog, don't ask! We were entertained in addition to Larry by Ben Auville his lovely wife, Micah, on the violin. There numbers were delightful.

After which cake was served.

The meeting was called order by Mike at about 6:30. The minutes of the last meeting were read and approved.

Jane gave the treasurers' report that was also accepted and approved.

Introductions were ahead by 46 parentheses (I think that's a record) members and guests.)

The 50-50 raffle was one by Lynn to the tune of \$20.

Old business;

The committee, consisting of Jim, Earl, Conard, and Phil has put together the order for the new repeater and it will be ordered within the next week and installed by that group.

It has been arranged to pick up the key to the cabin from Jim Miracle and the Porta potty's have been ordered for field day.

We also have the use of the shelter beside the cabin.

Field day this year is the 25th and 26th of June.

Blane talked about the food the club will provide sausages, hotdog's and hamburgers cooked on the grill and you are requested to bring a dessert or a side dish for the meal at 6 o'clock on Saturday evening.

Also if you can help we will be meeting on June 24 at 4:30 to erect strings for antennas at the field day site on Fort Boreman, if you can help that would be appreciated.

This year for stations if you want to operate you need to make arrangements to either bring your own equipment or be familiar with the equipment that somebody else has, so that you know how to use it.

Blane has the honor of being the field day safety officer this year.

The meeting was adjourned at 7:30 by Bob KB8EFB and seconded by Ray Minutes were taken by Mary WHARTON and comments by Jerry Wharton.

Minutes of July Meeting

Meeting was called to order at 6:35 by Jerry KA8NJW in the absence of Mike who had a prior engagement.

Introductions were had by 23 members and guests.

The 50-50 drawing was won by Bob KB8EFB for a total of \$17.

The treasurers report was given by Jane, N8MOW. The balance is looking good after our repeater expenses and Field Day expenses were listed.

Old business:

Earl gave a report about the Yaesu repeaters being ordered. Our applications were accepted as soon as the check clears they will be mailing them to us. At which time Earl and the committee will do the necessary installation of the 39 and 97 machines. We appreciate all the effort they put into this project.

Jerry KA8NJW gave a report on Field Day. We had three stations, digital, phone and CW. We had a total of 628 contact points and 890 bonus points the claim score submitted to the ARRL was 2258. I would like to thank everybody that participated.

New Business:

Jerry discussed correspondence received by the club. The first letter was from the West Virginia section manager Dan Ringer about the upcoming hamfest and state convention to be held at Sutton, West Virginia on July 29 through the 31st. The letter indicated the keynote speaker would be Mike Walters W8ZY Who is the ARRL Section Manager.

The second correspondence was concerning the FCC is changing the license portal, basically they're doing

away with the old one and everybody now has to get an FRN number to do any manipulation of their license. Apparently the old and new portals have been working in parallel for the last five years they're just doing away with the old system. The average person will not notice any changes.

The third piece of correspondence what is a flyer from the Tri-state Amateur Radio Association in Huntington. The 59th annual hamfest will be August 13, 2022 in Huntington West Virginia it will be held at the new Baptist Church at 610 28th St., Huntington, WV.

Jane mentioned that we needed to get a new name on the checking account since her name and Connie Hamilton's are the only two on it now and since Connie is a silent key that wouldn't work out too well. It was recommended that Conard Richardson be put on because he's a technical vice president of the club and also younger than we are, (LOL) a motion was made to do that if Conard would accepted responsibility.

Motion to adjourn was b Bob and seconded by Mr. Dale. KF8NW At about 7:05.

Minutes taken by Mary W. and as always comments by Jerry KA8NJW.

Summary:

Entry received at: 2022-07-09 00:57:35

Call Used: W8PAR GOTA Station Call: (NONE) ARRL/RAC Section: WV Class: 3A

Participants: 25 Club/Group Name: Parkersburg Amateur Radio Klub

Power Source(s): Generator, Battery, Solar

Power Multiplier: 2X

Preliminary Total Score: 2,258

Bonus Points:

100% emergency power	300
Media Publicity	100
Public location	100
Public information table	100
Educational activity	100
Youth participation	40
Safety officer	100
Entry submitted via web	<u>50</u>
Total bonus points	890

Score Summary:

CW Digital Phone Total

Total QSOs 169 129 88

Total Points 338 258 88 684 Claimed Score = (QSO points x power mult) = 1,368

Submitted by: Jerry Wharton, KA8NJW j_wharton@suddenlink.net

Band/Mode QSO Breakdown:

	CW		Digital		Phone	
	QSOs	Pwr(W)	QSOs	Pwr(W)	QSOs	Pwr(W)
80m	0	100	30	100	6	100
40m	136	100	58	100	40	100
20m	33	100	21	100	42	100
15m	0	100	7	100	0	100
10m	0	100	13	100	0	100
TOTAL	169		129		88	



Tri-State Amateur Radio Association, Inc

Huntington, WV

59th Annual Hamfest

August 13, 2022

8:30AM to 1:30PM

Great Location!

New Baptist Church

610 28th St, Huntington, WV 25702

GPS 38.424618, -82.400368

\$200.00 Dollar Cash Grand Prize !!!!

ARRL Gift Certificates, ~~Plus other great door prizes;~~

Gift certificates, tools, etc!!

Amateur Radio Vendors, Indoor Flea Market, VE Testing

Plenty of parking

Contributors : Tower Electronics, DX Engineering, ARRL,



**ARRL Forum, Fellowship, Food
Admission_____ \$6.00 each**

All under 18 free

Tables \$10.00 each, includes one admission ticket with first table per vendor

General Info. Contact, Fred Herr; wd8agh@gmail.com or 304-736-2057

Vendors and Tables, Contact; Teresa Killen; tkillen31@gmail.com or 740-550-3811

Club Website: <https://www.qsl.net/w8va/>

ARRL Sanctioned Hamfest

