

The Smokehouse

Where Country Hams Hang Out

November 2022

President: Larry Brumett, KN4IV

Vice President: Roger Given, K8RPG

Secretary: Herb Hess, KJ4CMG

Treasurer: Chappy Rice KD4SS



MCARC Meeting October 18th, 2022

The meeting came to order at 7pm in the basement of the City Hall Building located in Glasgow, KY

KC4RGE made a motion, seconded by W4RRK, to dispense with reading the minutes. Motion passed.

KD4SS gave the financial report.

Committee Reports:

Repeater Committee: The antenna for the new repeater location has arrived and it is being stored at the old EPB tower site out on Lohden Rd. No work has been done on the .940 repeater at the

Hwy 63 site, we are still waiting on the tower climber.

W4RRK stated that the hotspot for the Fusion repeater will still not work at in the clubroom and he has moved it to his house.

Hamfest Committee: KN4IV reported everything is on schedule with our March 4, 2023, Hamfest. Price of admission will be \$5 per person and tables are \$10. It was suggested that we have a raffle at the Hamfest. KN4IV mentioned that our club might be asked to hold the Kentucky ARRL State Convention. After a brief discussion it was agreed that we do not accept a

request due to limited manpower and time for such an event.

Field Day/Special Event Committee: A general discussion was held on the POTA activities by club members using the Club's KY4X call sign. Thanks to all who participated and attended the events.

Webpage Committee: Nothing to report.

Old Business: A round of applause was given to KE4AIE, Charles O'Neal, for his work on contacting by mail licensed hams in the area and informing them of the MCARC. He spent numerous hours researching and preparing

the mailing pamphlet.
THANKS CHARLIE!

New Business: KN4IV called for a vote on accepting N2RCA as a new member of the MCARC. He received a unanimous approval vote. Congratulations to David Mooney and welcome to the MCARC.

W4RRK reported that Apollo Computer donated 2 PC to the club.

KD4SS reminded everyone that the Turkey Trot will be November 19, at 8 AM. KJ4CMG will coordinate those available to help at the next club meeting.

KY4BC nominated KC4DRT to become a member.

KN4IV nominated KE4WUP, Len Norris, to become a member.

No further business to come before the members, there was a motion to adjourn by KC4RGE and seconded by W4RRK. The meeting was adjourned at 8:15pm.



**Amateur Radio
Operators Invited to**

Participate in Scientific Experiments

The High-frequency Active Auroral Research Program (HAARP) will be conducting their largest experiment and research campaign from October 19 - 28, 2022. Amateur radio operators are invited to listen and participate.

The research will last for 10 days and include 13 experiments, with transmissions taking place between 1400 - 0600 UTC daily. The transmission experiments include moon bounce, Jupiter bounce, HF ocean scatter, and ionosphere satellite interactions. Amateur radio operators are being asked to monitor the times of the transmissions and signal quality. Reports can be filed electronically, and a special QSL card will be sent for participation.

This will be the most scientifically diverse campaign ever conducted at HAARP. Particularly notable experiments include a first-of-its-kind attempt to bounce a signal

off of Jupiter, investigation into possible causes of the airglow phenomenon known as STEVE (Strong Thermal Emission Velocity Enhancement), and testing the feasibility of using radio transmissions to measure the interiors of near-Earth asteroids.

"The October research campaign is our largest and most diverse to date, with researchers and citizen scientists collaborating from across the globe," said HAARP Program Manager Jessica Matthews.

The number of experiments is the highest so far under the 5-year, \$9.3 million grant awarded last year by the National Science Foundation to establish the Subauroral Geophysical Observatory at HAARP. The observatory's purpose is to explore of Earth's upper atmosphere and geospace environment.

An overview of all of the experiments can be found at the HAARP website.

See the following document (PDF) for a more

detailed listing of the experiments and technical data.

Participating amateur radio operators can request a QSL card and send reception reports to HAARP, P.O. Box 271, Gakona, AK 99586.

HAARP is a scientific endeavor aimed at studying the properties and behavior of the ionosphere. Operation of the research facility was transferred from the US Air Force to the University of Alaska Fairbanks on August 11, 2015, allowing HAARP to continue with exploration of ionospheric phenomenology via a land-use cooperative research and development agreement.



ARRL Delegates Attend IARU Region 2 General Assembly

An ARRL delegation, led by President Rick Roderick, K5UR (Head of Delegation), and including

Chief Executive Officer David Minster, NA2AA, attended the International Amateur Radio Union (IARU) Region 2 General Assembly that began Monday, October 31, 2022 and concluded Friday, November 4, 2022. ARRL International Affairs Vice President Rod Stafford, W6ROD, also participated, serving as the Area B Director for Region 2.

The triennial General Assembly is the formal decision-making body of IARU Region 2, comprising The Americas, and delegates are the representatives of each member-society. The President of IARU Region 2 is Ramón Santoyo, XE1KK.

The meetings began on October 31 with five virtual evening sessions that each lasted approximately 3 hours each. The virtual meetings were necessary because of travel concerns due to COVID-19.

At the meetings the delegates reviewed challenges to amateur radio,

debated proposals from member-societies, and received reports from coordinators and elected volunteers. The Guayaquil Radio Club was selected to host the next General Assembly in 2025 in Ecuador.

“Having a virtual conference has allowed many of our societies with limited means to participate in the triennial governance process of IARU Region 2 for the first time,” said IARU Region 2 Secretary George Gorsline, VE3YV/K8HI, who was elected as President of the executive committee, to take office on December 15, 2022.

“Twenty-six member-societies are represented with 117 registered attendees from across Region 2, as well as representatives from Region 1 (Europe, Africa, the Middle East, and Northern Asia), Region 3 (Asia-Pacific), and the IARU Officers. The [reports from the Wednesday evening

committee] were especially well received and stimulated much discussion. A full summary will be published after the General Assembly, including videos of each Plenary session.”

A news release for the General Assembly was published on November 5, 2022, and includes a summary of actions.

The IARU is the worldwide federation of national amateur radio organizations. ARRL The National Association for Amateur Radio® in the US is a member-society and IARU International Secretariat, participating in matters that promote and protect the interests of the Amateur Radio Service worldwide.



Central States VHF Society Celebrates 54 Years

The Central States VHF Society (CSVHFS), the oldest group in the country

devoted to weak signal VHF, held their 54th annual conference on July 21 - 23, 2022. Over 130 amateurs attended the event, which was held in La Crosse, Wisconsin.

This year's conference highlighted the recent activity with 222 MHz Worked All States (WAS), as well as the Fred Fish Memorial Award (FFMA), the VHF Spring Sprints, and the year-long competition, States Above 50 MHz.

The Wilson Award recognizes service to CSVHFS or VHF in general, and was presented to Peter Van Horne, KA6U. For the past two summers, Van Horne has been traveling the country, activating states via EME (Earth-moon-Earth) on 144, 222, 432, and 1296 MHz. His efforts resulted in six stations completing WAS on 222 MHz in the past year.

The John T. Chambers Award for Technical Achievement was presented to Dave Olean, K1WHS, for his many

years at Directive Systems and Engineering in Haymarket, Virginia. Olean has been active in the chase for 222 MHz WAS and has been instrumental in promoting activity on the band.

222 MHz WAS award recipients in attendance for the award presentation were: Charlie Betz, N0AKC; Dave Kerl, N9HF; Joel Harrison, W5ZN; John Swiniarski, K1OR; Ed Gray, W0SD; Marc Thorson, WB0TEM; Dave Olean, K1WHS, and Marshall Williams, K5QE.

FFMA recipients attending the conference were Ralph Smith, W4UDH; Jim Spence, KO9A; John Feltz, W9JN, and Greg Clausen, W0LGQ.

More information about CSVHFS is available on their website, www.csvhfs.org.