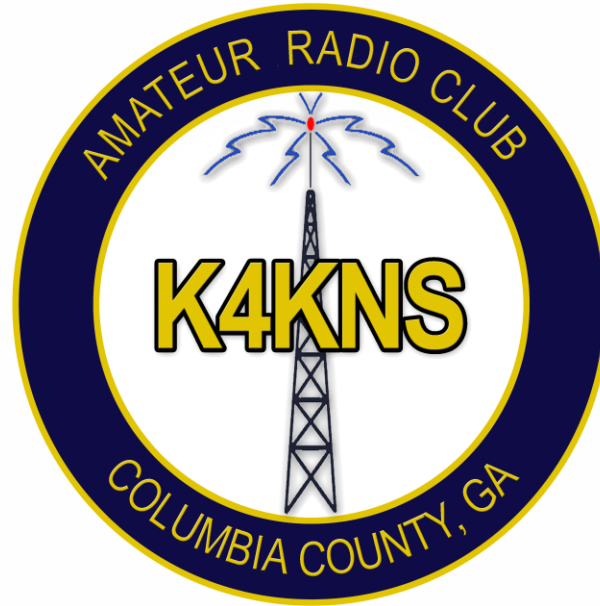


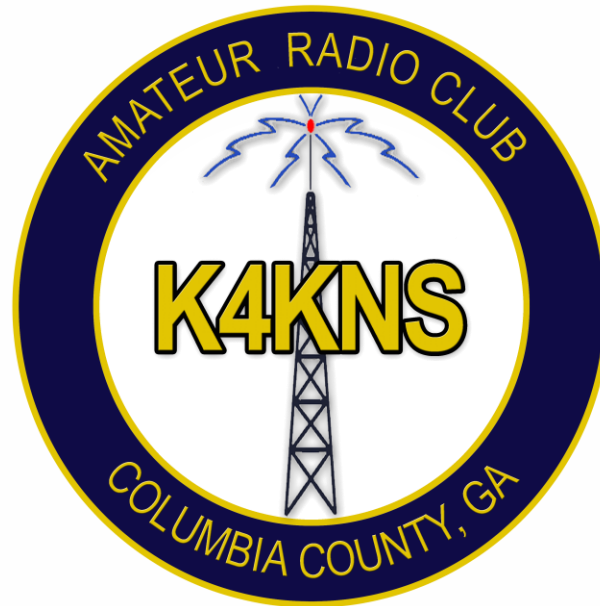
AMATEUR RADIO CLUB OF COLUMBIA COUNTY, INC.



THE ARCCC, INC. WELCOMES YOU!

The meeting will begin at 7 PM

AMATEUR RADIO CLUB OF COLUMBIA COUNTY, INC.



GENERAL MEETING

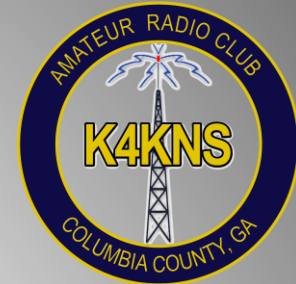
MEETING #144

Tuesday, August 6, 2024

7 PM

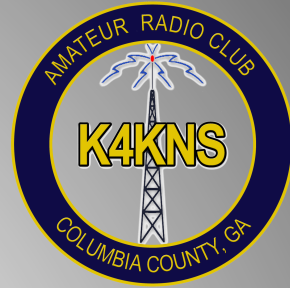


INVOCATION



MEETING AGENDA

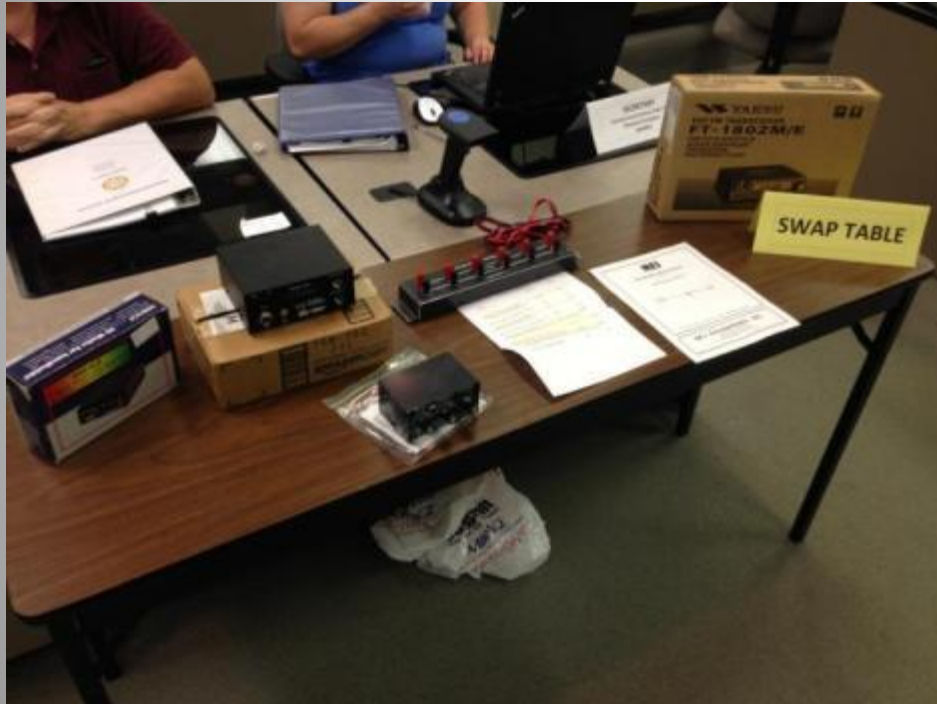
- Welcome & Introductions
- Presentation: 3D Printing
 - Daniel Nelms (KK4CNM)
- Membership Applications
- Monthly Reports
- Upcoming Events
- Business Items
- Committee Updates
- Amateur Radio Club of Augusta
- North Augusta Belvedere Radio Club
- East Central/Columbia County ARES
- AmRRON
- Review Motions and Assignments
- Adjourn

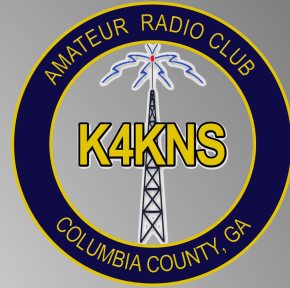


SWAP TABLE

Now at

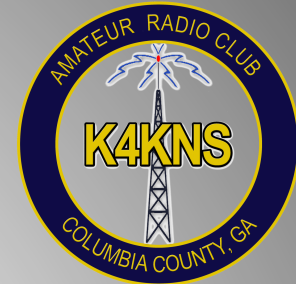
<https://arccinc.groups.io/g/swapsellortrade/topics>





Welcome and Introductions

- Please Sign In on the Attendance Log
 - Please PRINT Legibly
- Introductions
 - QUICKLY Go Around the Room and Provide Your Name and Call Sign



Presentation

3D Printing

Daniel Nelms (KK4CNM)

INTRO TO 3D PRINTING

KK4CNM

BASIC 3D PRINTING TERMS TO KNOW

- FDM (FUSED DEPOSITION MODELING)
LAYERS OF MATERIAL ARE BUILT ON TOP OF ONE ANOTHER TO PRODUCE A 3D OBJECT.
- SLA (STEREOLITHOGRAPHY)
USES LASERS TO CURE OR SOLIDIFY PHOTOREACTIVE RESIN LAYER BY LAYER TO PRODUCE A 3D OBJECT.

USE IN AMATEUR RADIO

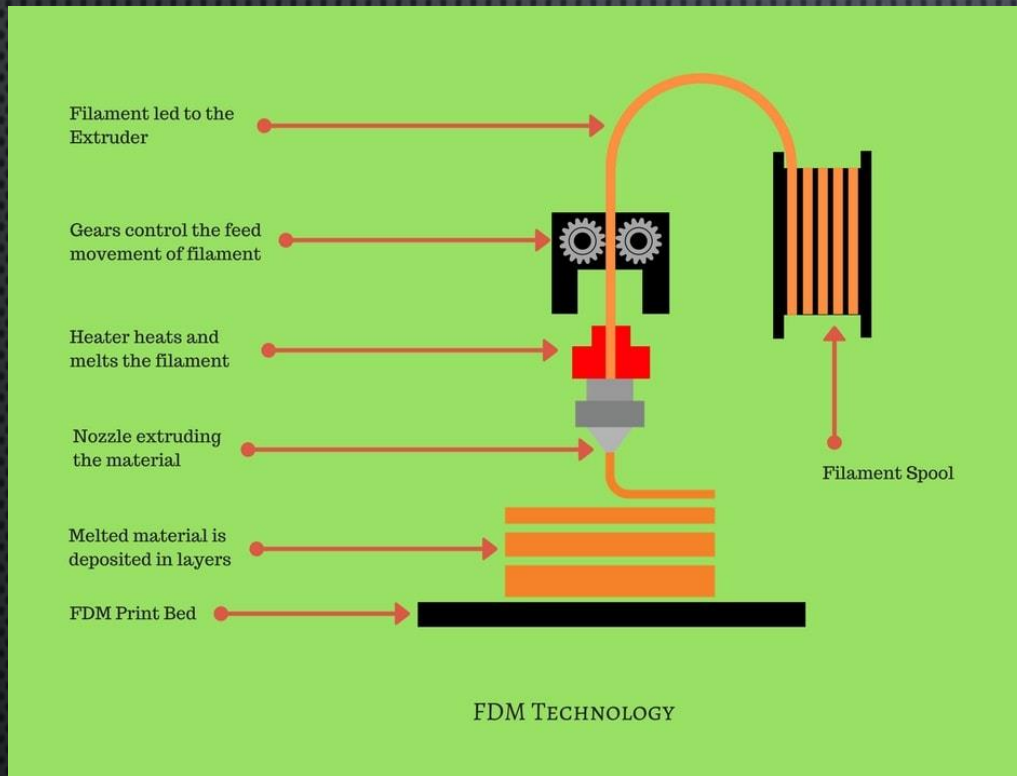
PRACTICAL APPLICATION

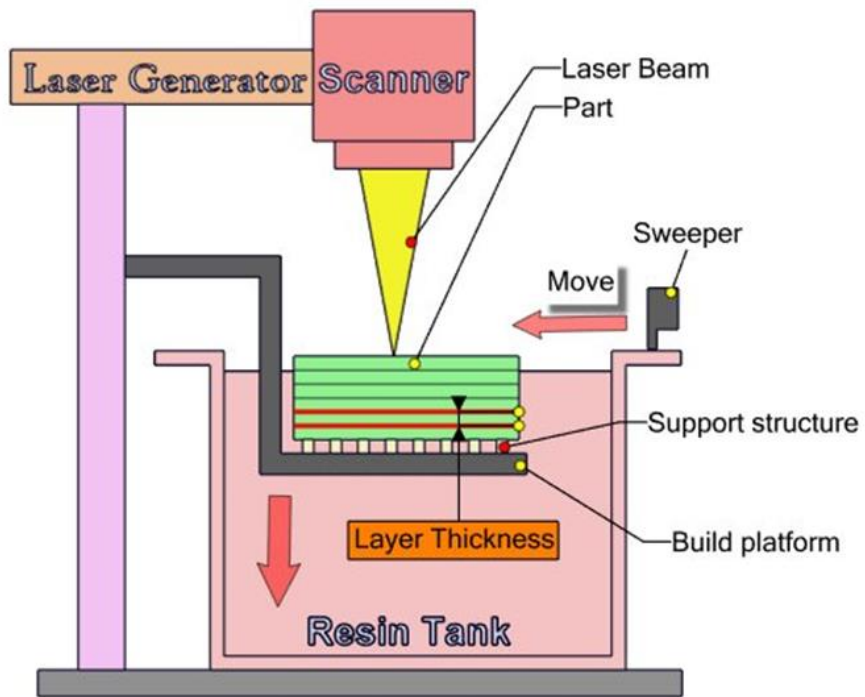
- CUSTOM PARTS: ENCLOSURES, CASES, ANTENNA MOUNTS, INSULATORS, AND COIL FORMS.
- TOOLS AND FIXTURES: SOLDERING JIGS, ALIGNMENT TOOLS, AND CUSTOM CONNECTORS.
- EXPERIMENTAL PROJECTS: PROTOTYPING ANTENNA DESIGNS AND CREATING PORTABLE SYSTEMS.
- AND MORE...

BASIC 3D PRINTER OVERVIEW

FDM & SLA

HOW FDM PRINTERS WORK





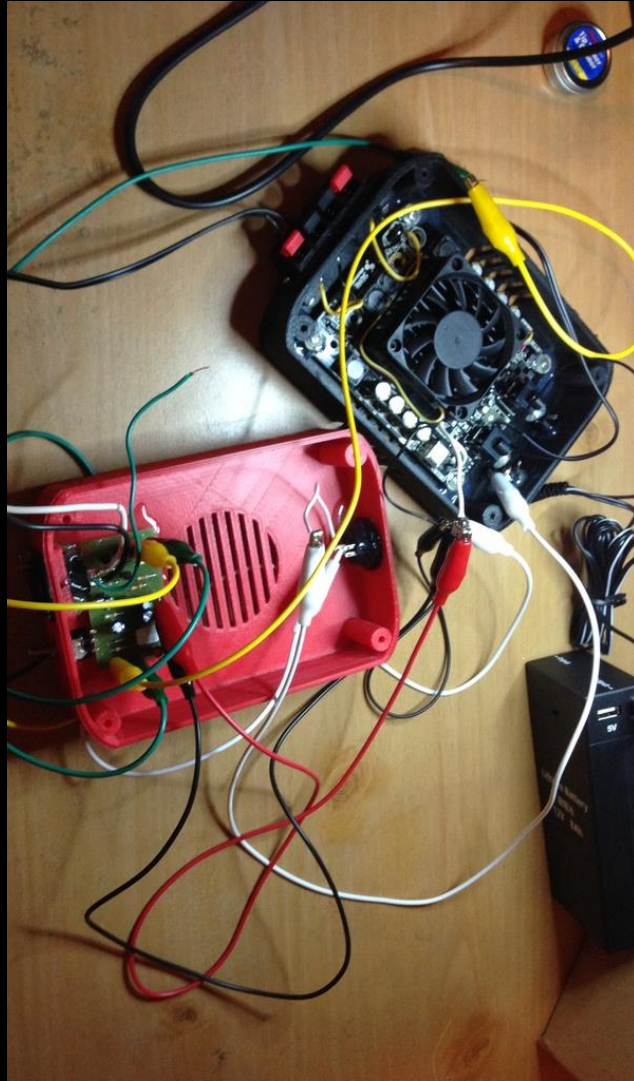
HOW SLA PRINTERS WORK

ADVENTURES IN 3D PRINTING AND DESIGN

I'VE HAD THE PLEASURE OF WORKING WITH A LOT OF AMAZING AND TALENTED PEOPLE SINCE I STARTED THIS TWELVE YEARS AGO.

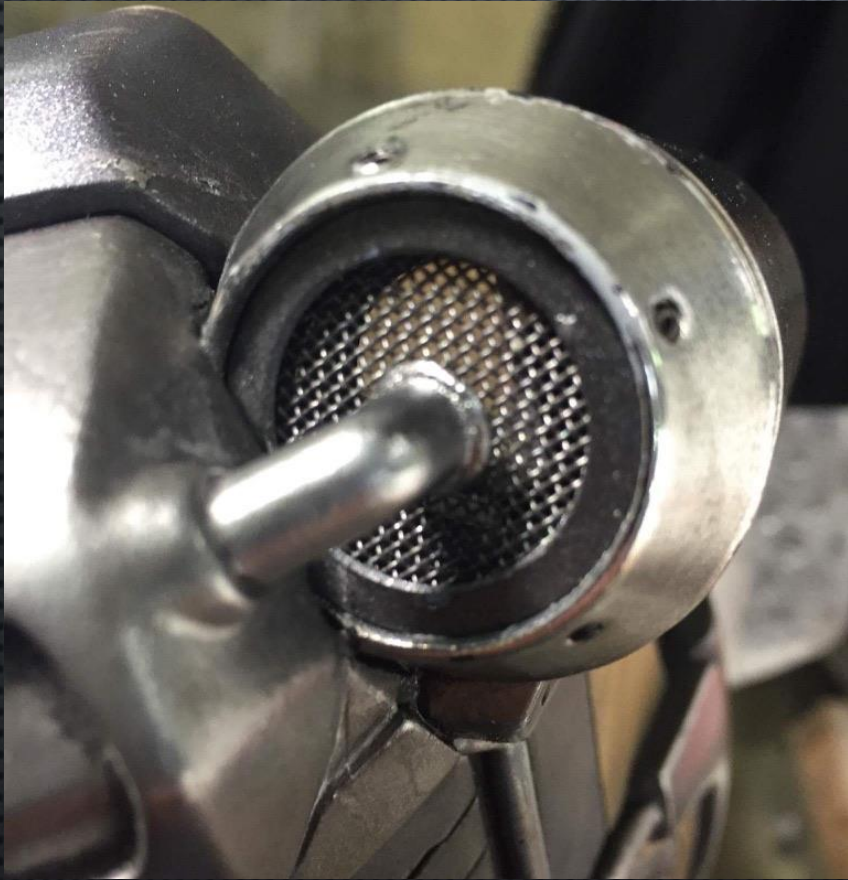
I'VE WORKED ON PROJECTS IN INDUSTRIES SUCH AS AEROSPACE, LARGE-SCALE MANUFACTURING, MEDICAL, PROTOTYPING, CONSUMER AND BOUTIQUE ELECTRONICS, AND EVEN THE MOTION PICTURE INDUSTRY.

WHILE A SIGNIFICANT PORTION OF MY WORK IS CONFIDENTIAL AND PROTECTED BY NDAs, I HAVE PREPARED A SAMPLING OF PROJECTS THAT SHOWCASE SOME OF MY SKILLS IN HOPES THAT IT WILL INSPIRE YOU TO DO THE SAME.

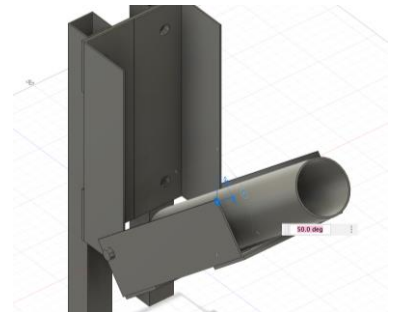
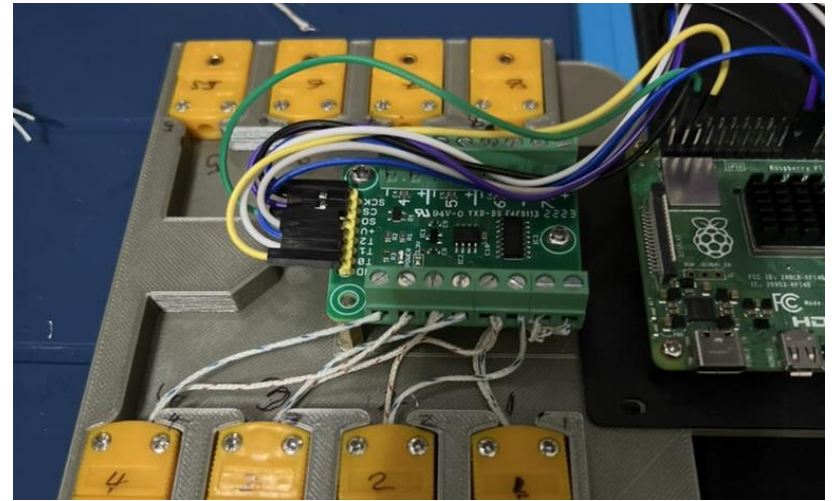








SOLVING PRACTICAL PROBLEMS FOR FUN AND PROFIT

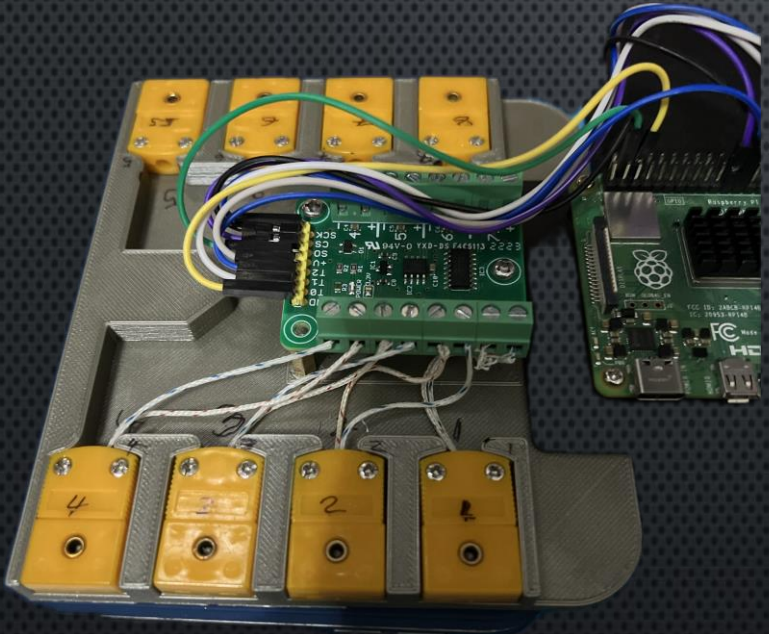


3D PRINTING IS MORE THAN JUST DOWNLOADING AND PRINTING THINGS OTHERS HAVE DESIGNED

DOWNLOADING AND PRINTING PROJECTS OTHERS HAVE MADE IS EASY AND OFTEN FREE; HOWEVER, THE REAL MAGIC BEGINS ONCE YOU START THINKING OUTSIDE THE BOX AND DEVELOP SOLUTIONS FOR YOURSELF AND OTHERS.

MOST RECENT HAM RADIO PROJECTS

REMOTE TEMP MONITORING SYSTEM

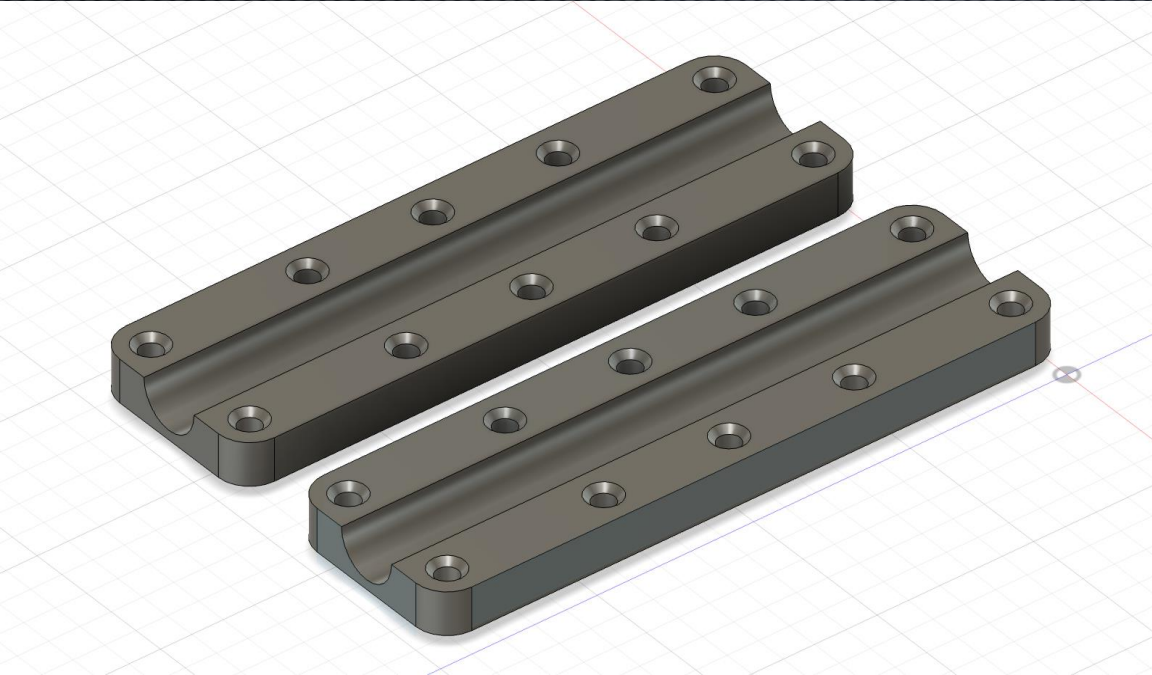


Shackmon Data

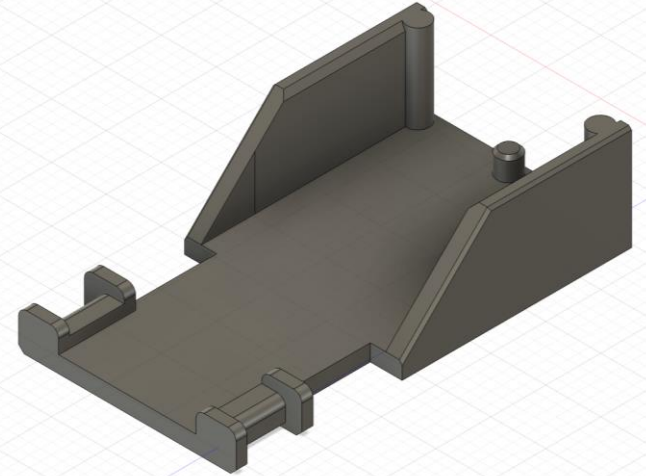
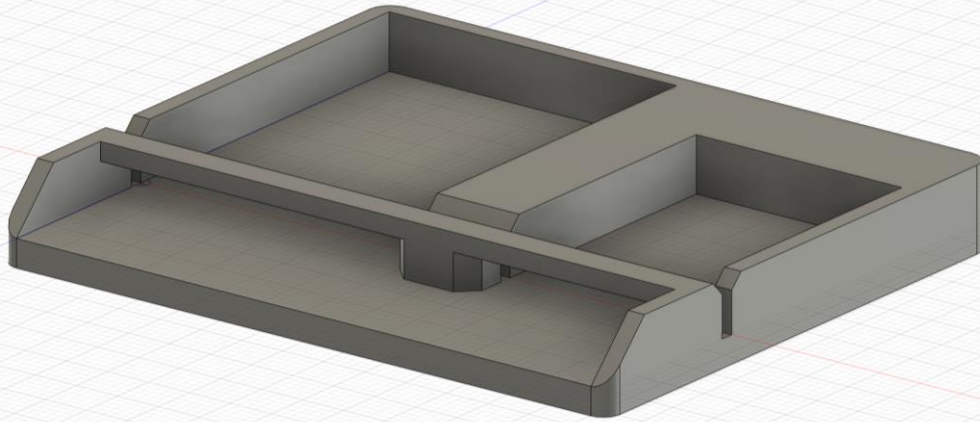
Temperature Unit: Celsius Fahrenheit [Update](#)

Rename Temperature Columns

Temp1:	Temp2:	Temp3:	Temp4:	Temp5:	Temp6:	Temp7:	Temp8:	Update Name:	
Date	Time	Temp1	Temp2	Temp3	Temp4	Temp5	Temp6	Temp7	Temp8
2024-06-27	16:49:45	79.7	79.25	79.25	84.65	79.7	79.7	81.95	80.6
2024-06-27	16:49:32	79.7	78.8	79.25	84.65	79.25	79.25	81.95	80.6
2024-06-27	16:49:19	80.15	80.6	79.7	84.65	79.7	79.25	81.5	80.15
2024-06-27	16:49:06	79.7	81.05	80.15	84.65	79.7	80.15	81.5	80.15
2024-06-27	16:48:53	80.15	80.15	80.15	84.65	80.15	80.15	81.95	80.15
2024-06-27	16:48:40	80.15	79.7	80.15	84.65	80.15	80.15	81.95	80.15
2024-06-27	16:48:27	80.15	79.7	79.7	85.1	80.15	79.7	81.95	79.25
2024-06-27	16:48:14	80.15	80.15	79.7	84.65	80.15	79.7	81.95	78.8
2024-06-27	16:48:01	80.6	80.6	80.15	84.65	79.25	79.7	81.5	80.6
2024-06-27	16:47:48	80.6	80.15	80.15	84.65	80.15	80.15	81.5	80.15
2024-06-27	16:47:35	79.7	80.15	79.7	83.3	80.15	79.7	81.95	80.15
2024-06-27	16:47:22	80.15	80.6	79.7	85.1	80.15	80.15	81.95	80.15
2024-06-27	16:47:09	79.7	80.15	79.7	85.1	80.15	80.15	81.95	80.15
2024-06-27	16:46:56	80.15	79.7	79.7	84.65	80.15	79.7	81.5	80.6
2024-06-27	16:46:43	79.25	79.7	79.7	84.65	80.15	80.15	81.5	80.6
2024-06-27	16:46:30	80.15	80.6	79.7	85.1	79.7	79.7	81.5	80.15
2024-06-27	16:46:17	80.15	80.6	79.7	85.1	79.7	80.15	81.95	80.15
2024-06-27	16:46:04	80.15	80.15	79.7	85.1	80.15	79.7	81.95	80.6
2024-06-27	16:45:51	80.6	80.6	79.7	84.65	80.15	80.15	81.5	80.6
2024-06-27	16:45:38	79.25	80.15	78.8	84.65	80.15	80.15	81.5	80.15
2024-06-27	16:45:25	80.15	80.15	79.7	84.65	79.7	79.7	81.95	80.15
2024-06-27	16:45:12	80.6	80.15	80.15	84.65	80.15	81.95	85.1	83.75
2024-06-27	16:44:46	80.15	80.15	79.25	84.65	79.7	80.15	81.95	80.6
2024-06-27	16:44:33	80.15	80.15	79.7	84.65	80.15	79.7	81.5	80.15
2024-06-27	16:44:20	80.15	80.6	80.15	84.65	79.7	80.15	81.95	79.7



LMR 400 AND 1/2" HARDLINE CLAMPS



FREE SAMPLE PROJECT

POWERPOLE STRAIN RELIEF



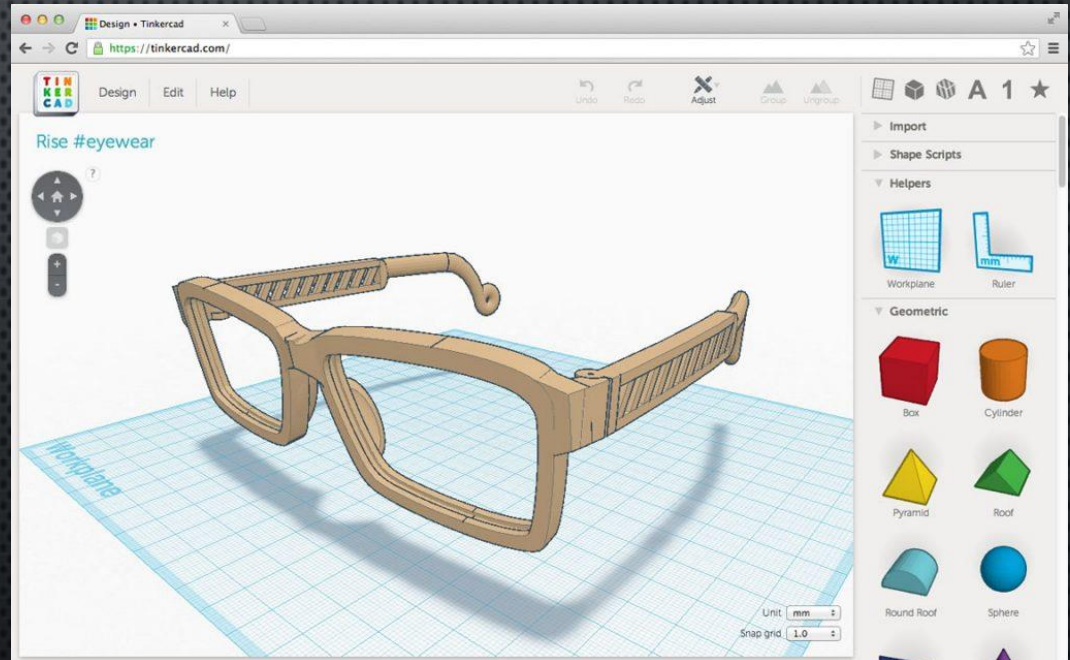
THANKS TO K9PAL FOR THE IDEA
TO USE HEAT-SHRINK TUBING
RATHER THAN ZIP-TIES



DESIGN SOFTWARE
WHERE THE MAGIC HAPPENS

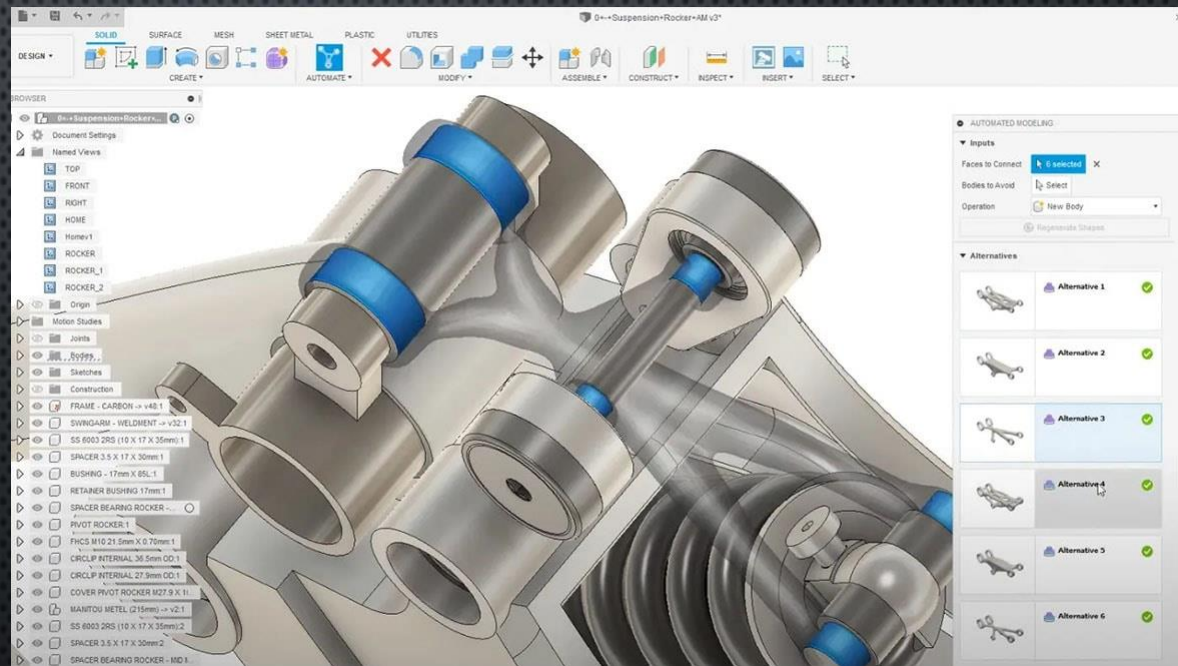
AUTODESK TINKERCAD

- TINKERCAD BY AUTODESK
- A WEB-BASED 3D MODELING PROGRAM THAT IS FREE TO USE
- PROS: FREE, EASY TO LEARN
- CONS: LIMITED FUNCTIONALITY, LIMITED PRACTICAL APPLICATION, CHALLENGING TO MODEL EVEN SOME BASIC GEOMETRY, AND IMPOSSIBLE TO MODEL COMPLEX GEOMETRY



AUTODESK FUSION 360

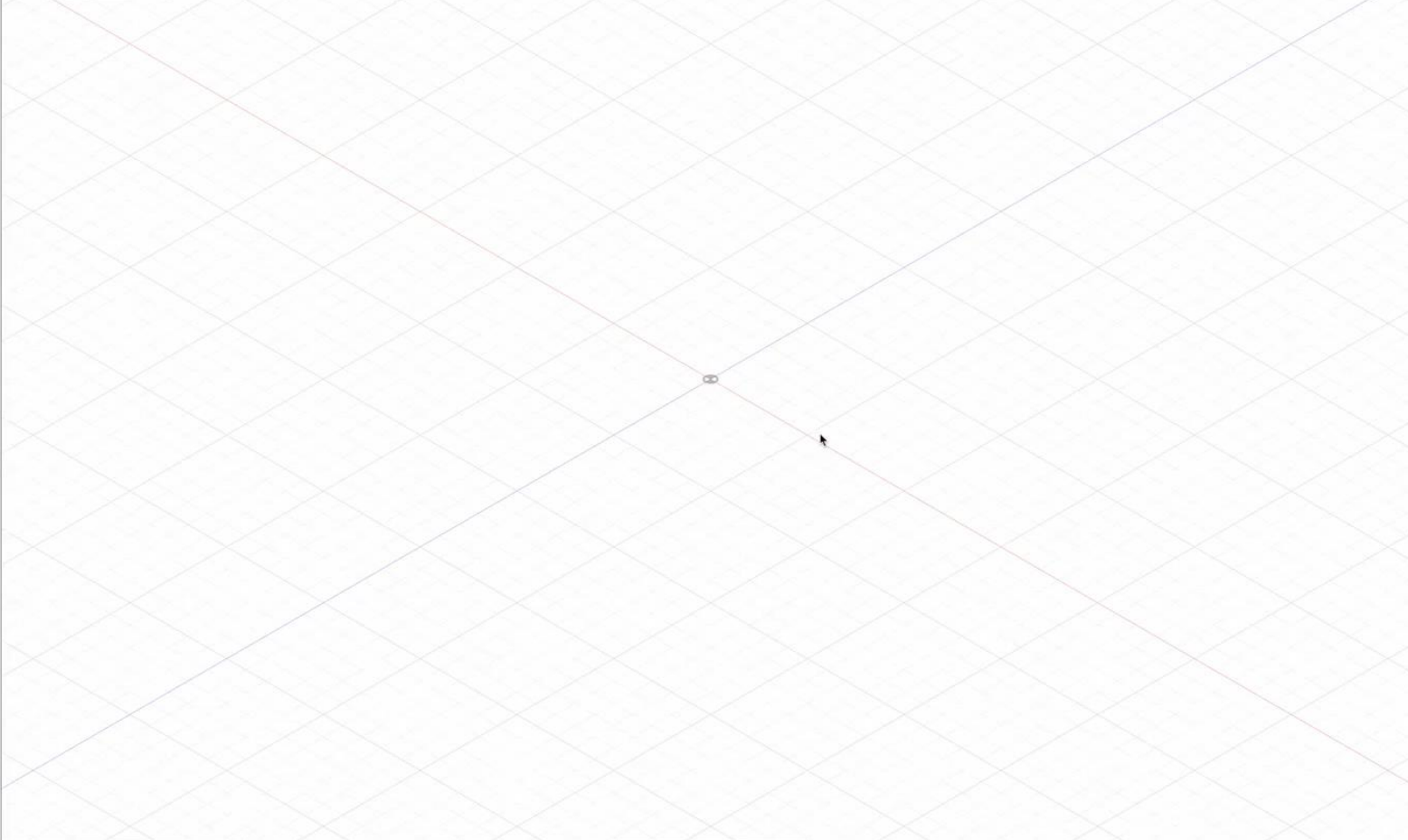
- FUSION 360 BY AUTODESK
- CROSS-PLATFORM SOFTWARE THAT RUNS ON WINDOWS AND MAC.
- PROS: ADVANCED, LARGE LIBRARY OF PLUGINS, GREAT FOR 3D AND 2D MANUFACTURING DESIGN AND PROTOTYPING.
- CONS: PRICE \$545/YEAR STEEPER LEARNING CURVE



- New Folder (1)
- d-sub
- mmdvm
- New Folder
- SVGs for antennas
- Therm mount 11:25:05 AM V1
- quick therm box 6/25/24 V1
- Untitled 6/21/24 V3
- SignalRola connector 6/10/24 V4
- attenuator case 5/25/24 V3
- example 5/10/24 V3
- K4KNS 5/6/24 V1
- Handifinder handle bracket 3/4/24 V3
- hotspot_ups_case 2/8/24 V3
- SMA_Antenna_Sleeve 2/8/24 V5

BROWSER

- (Unsaved)
- Document Settings
- Named Views
- Origin

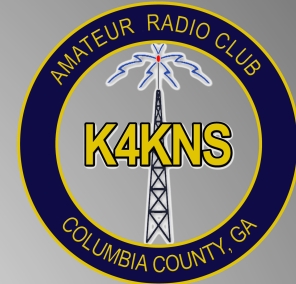


COMMENTS



QUESTIONS? COMMENTS?
AMA (ASK ME ANYTHING)

FIN.

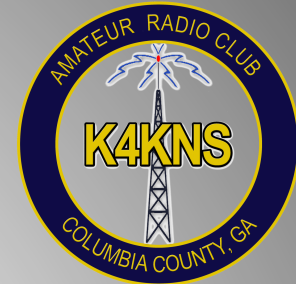


Presentation

3D Printing

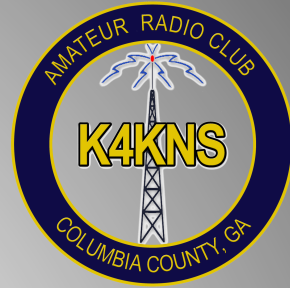
THANK YOU!!!

Daniel Nelms (KK4CNM)



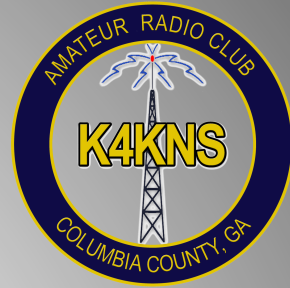
UPCOMING EVENTS

- 08-10-2024 CSRAHamExams Exam Session
- 08-17/18-2024 Huntsville Hamfest
- 08-30/09-01-2024 Shelby Hamfest
- 09-14-2024 CSRAHamExams Exam Session
- 10-05-2024 Oliver Hardy Festival
- 10-05-2024 Rockhill Hamfest
- 10-12-2024 CSRAHamExams Exam Session
- 10-19/20-2024 Jamboree-on-the-Air
- 11-02/03-2024 Stone Mountain Hamfest
- 11-09-2024 CSRAHamExams Exam Session



MEMBERSHIP APPLICATIONS

Are there any ARCCC, Inc. Membership Applications for consideration?



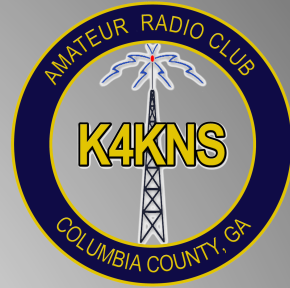
ARCCC, INC. MONTHLY REPORTS

Treasurer's Report

- Update from Treasurer
 - July 2024 Update
 - August 2024 Update

Secretary's Report for July 2nd, 2024 meeting:

- [07-02-2024 Meeting Minutes](#)



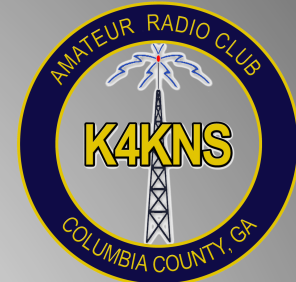
KROGER COMMUNITY REWARDS

- Simply visit www.KrogerCommunityRewards.com
- Login to your existing account or create an account
- Click on Community
- Enter “**DF873**” and **Amateur Radio Club of Columbia County, Inc.** should appear.
- Select our organization and donate!



\$24.28 Received!!!





Club Callsign Badges

**Amateur Radio Club of
Columbia County, Ga
Name Badge**



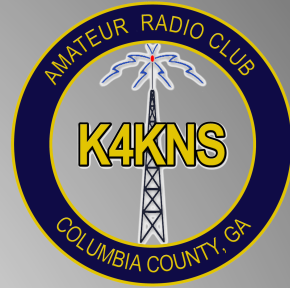
ARC of Columbia County, Ga
Badge price \$13.50

MEGA-STRONG Magnetic Bar \$3.75

The SignMan *of Baton Rouge*

Order at this link:

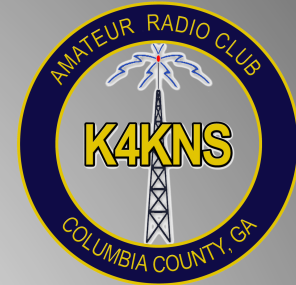
<https://thesignman.com/clubs/columbiacogacart.html>



Business Items

- **HamClubOnline.com**
 - ****NOTE: Membership Expiration Notices are sent 60 Days prior to the date of expiration.**
 - ****NOTE: There is a 7 Day Grace period where you can pay and not have to reapply for membership.**
 - **ARRL Email Addresses are not valid, please update your email address within HamClubOnline**
 - **ARRL Forwarding Email System is unreliable**
- **Groups.io**
 - <https://groups.io/g/arcccinc>

HamClubOnline - Club Self-Check (ARCCC)



Member Statistics:

Active Members [99](#)
 Expiring Soon Members [0](#)
 Inactive Members [45](#)
 Non-Members Affiliates [0](#)

Rank Statistics: (Active Members)

Member [93](#)
 Trustee [1](#)
 Officer [5](#)
Total [99](#)

Member Types Statistics: (Active Memberships)

Family Membership [9](#)
 Family Membership (Free) [6](#)
 Full Membership [67](#)
 Full Membership (Active Military) [1](#)
 Honorary Membership [1](#)
 Life Membership [15](#)
Total [99](#)

Pending Applications:

Name	Status	Application Date
JOHN MORRISON KQ4NTI	Pending Membership	2024-02-07 00:44:47
Christopher A Campbell N0SX	Pending Approval	2024-06-30 21:47:18

Members with Invalid E-Mail Addresses:

Name	Callsign	E-Mail
JOHN T CARTER II	KJ4MC	kj4mc@arrl.net
CHARLES A PENNINGTON JR	K4GK	k4gk@arrl.net

New Members: (Last 90 Days)

Name	Callsign	Join Date
Michelle M Zavala	KW5WWW	2024-05-08
RICHARD L DAVIDSON	KU4WX	2024-05-08
RICHARD W BELL JR	WD4KQG	2024-05-08
Chase Ryals	KQ4RFW	2024-05-08
Joseph L Longacre	KQ4RYC	2024-06-05
Edwin E Davis Jr	KQ4SRF	2024-07-03

Inactivated Members: (Last 90 Days)

Name	Callsign	Remove Date	By
JOSEPH L PATRICK		2024-07-24	ERIC J CAGLE KK4ZHT
Dennis F LaPierre		2024-06-16	ERIC J CAGLE KK4ZHT
Samantha M Lytch	KM4NSF	2024-07-02	(HCOL SYSTEM)
Michael S McMahon		2024-06-20	ERIC J CAGLE KK4ZHT
JAMES N KELLY	WX4JNK	2024-05-28	(HCOL SYSTEM)

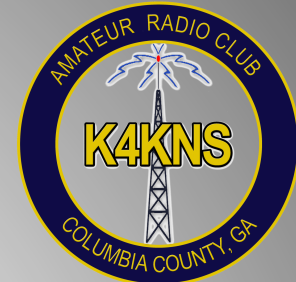
New Memberships: (Last 90 Days)

Name	Callsign	Membership Type	Amount	Start Date	End Date	Poster	Post Date
Walter A Brumbeloe	W4EFS	Full Membership	\$25.00	2024-07-08	2025-07-07	Walter A Brumbeloe	2024-05-09
Randy A Dunaway	KN4CAX	Full Membership	\$25.00	2024-07-14	2025-07-13	Randy A Dunaway	2024-05-22
Arthur D Dickerson	KM4UDR	Full Membership	\$25.00	2024-05-22	2025-05-21	Arthur D Dickerson	2024-05-22
Charles C Terry	KJ4IKZ	Full Membership	\$25.00	2024-07-25	2025-07-24	Charles C Terry	2024-05-25

Susan L. Messick	WA0B	Full Membership	\$25.00	2024-07-21 2025-07-20 Susan L. Messick	2024-05-27
Sean K. Stanley	KM4NSG	Family Membership	\$25.00	2024-05-25 2025-05-24 Sean K. Stanley	2024-05-29
Andrew B. Stanley	KO4DPU	Family Membership	\$25.00	2024-05-29 2025-05-28 ERIC J CAGLE	2024-05-29
Edwin E. Davis Jr	KQ4SRF	Full Membership	\$25.00	2024-06-09 2025-06-09 Edwin E. Davis Jr	2024-06-09
Gary D. Borba	KR4XC	Full Membership	\$25.00	2024-08-11 2025-08-10 Gary D. Borba	2024-06-12
Christopher A. Campbell	N0SX	Full Membership	\$25.00	2024-07-03 2025-07-03 Christopher A. Campbell	2024-07-03
Cindy M. Cunningham	KM4DBA	Family Membership	\$25.00	2024-07-08 2025-07-07 Cindy M. Cunningham	2024-07-07
Stephen H. Collins	W4WHS	Full Membership	\$25.00	2024-08-02 2025-08-01 Stephen H. Collins	2024-07-13
Robert L. Reeder	KO4WWG	Full Membership	\$25.00	2024-07-14 2025-07-13 Robert L. Reeder	2024-07-13
Stacey M. Sharp Jr	KK4RFL	Full Membership	\$25.00	2024-07-16 2025-07-16 Stacey M. Sharp Jr	2024-07-16
David E. Reid	K2ECC	Full Membership	\$25.00	2024-07-20 2025-07-20 David E. Reid	2024-07-20
Camilla B. Reid	K2CBR	Full Membership	\$25.00	2024-07-20 2025-07-20 Camilla B. Reid	2024-07-20
Richard S. Sturgis	KR4XN	Full Membership	\$25.00	2024-07-15 2025-07-14 ERIC J CAGLE	2024-07-20
Robert S. Reeder	WW4ZT	Full Membership	\$25.00	2024-07-26 2025-07-25 Robert S. Reeder	2024-07-25
LEROY W. FREEMAN JR	WA4YJD	Full Membership	\$25.00	2024-07-28 2025-07-28 LEROY W. FREEMAN JR	2024-07-28
Michael J. Bitetti	KQ4IUP	Full Membership	\$25.00	2024-08-01 2025-07-31 Michael J. Bitetti	2024-07-31

- 1.
- 2.
- 3.

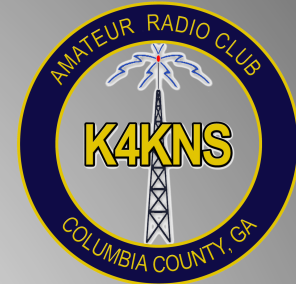
[Club Menu](#)
[Main Menu](#)
[Logoff](#)



ARCCC, INC.
MEMBERS

COMMITTEES

BOD



COMMITTEE UPDATES

Directors provide QUICK UPDATES on their committees

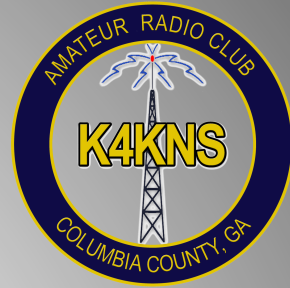
- IT
- Repeater
- Net Control
- Volunteer Examiner
- Constitution and Bylaws
- Field Day
- Asset/Inventory
- Nomination

- Chaplain and Visitation
- Fundraising
- Mentoring
- Outreach

Appointed Positions:

- K4KNS Trustee
- Public Information Officer
- QSL Manager

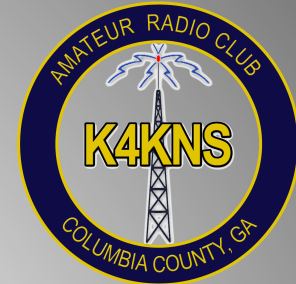




FOX HUNTS

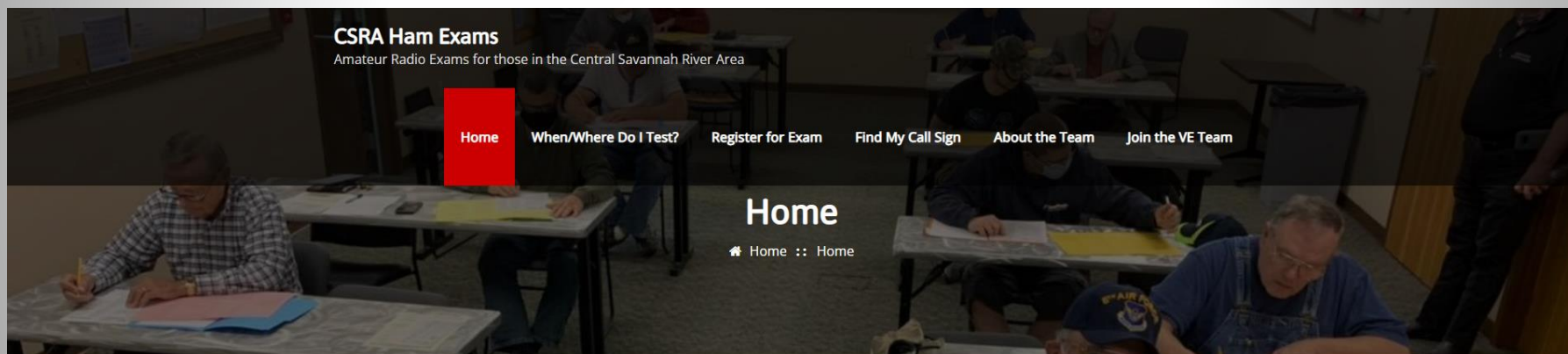
- Beginning March 5, 2024 there will be Fox Hunts before each ARCCC, Inc. General Meeting starting at 6 PM.
 - Fox #1 = 146.5650 MHz
 - Fox #2 = 146.0000 MHz
- Contact David Corsiglia (WA6TWF) for More Info





COMMITTEE UPDATES

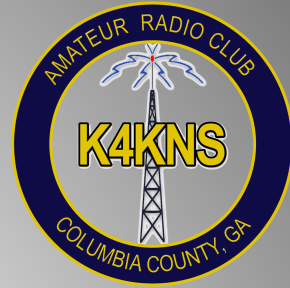
- Examinations
- CSRAHamExams.com



Welcome to CSRA Ham Exams.com!

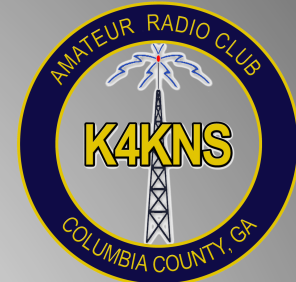
Are you looking to take an Amateur Radio Exam within the Central Savannah River Area? Centered in Columbia County/Richmond County, Georgia, the CSRA Ham Exams Team is excited to help you get started in the Amateur Radio Hobby or to help you advance to the next level License Class. Either way we look forward to helping you achieve your goals!

To ensure you are prepared to take an exam with the CSRA Ham Exams Team please follow the instructions on the <https://www.csrahamexams.com/when-where-do-i-test/> webpage.



COMMITTEE UPDATES

- Fund Raising Committee
 - Pull out your tickets!!!



COMMITTEE UPDATES

- Bylaws Committee
 - Intent (After Dry Run Election)
 - Section 2.07 – Board of Directors Elections
 - Miscellaneous Updates and Grammatical Error Corrections

Section 2.07 Board of Directors Elections

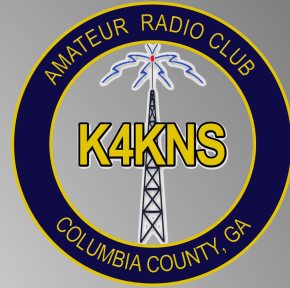
The Board of Directors will be elected every two years at the November meeting of the organization and the new Board will assume their roles effective January 1 of the following year. Nominations will be offered at the September or other designated meeting by the Board and nominations will also be accepted from the floor. Nominees must confirm that they are willing to accept if they are present or in writing if they are not present. Nominees will be listed and the list distributed to Full Members via e-mail at least two weeks prior to the November meeting. Only Full Members in good standing and at least 18 years old may hold office in the organization. A term for a Board Member is defined as two years. A Board Member can serve in the same position for no more than 5 years. The nominating committee will be the Board, unless a nominating committee is established by the Board of Directors.

Deleted: October

BOARD OF DIRECTORS ELECTIONS 2025-2026

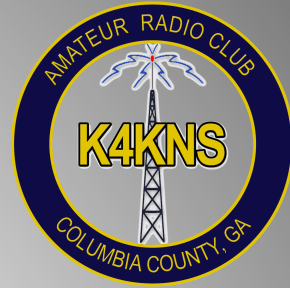


- September - Nominations
- October - Elections
 - Allows for any Runoffs in November
- November – Runoff Election (if needed)
- January – Take Office



COMMITTEE UPDATES

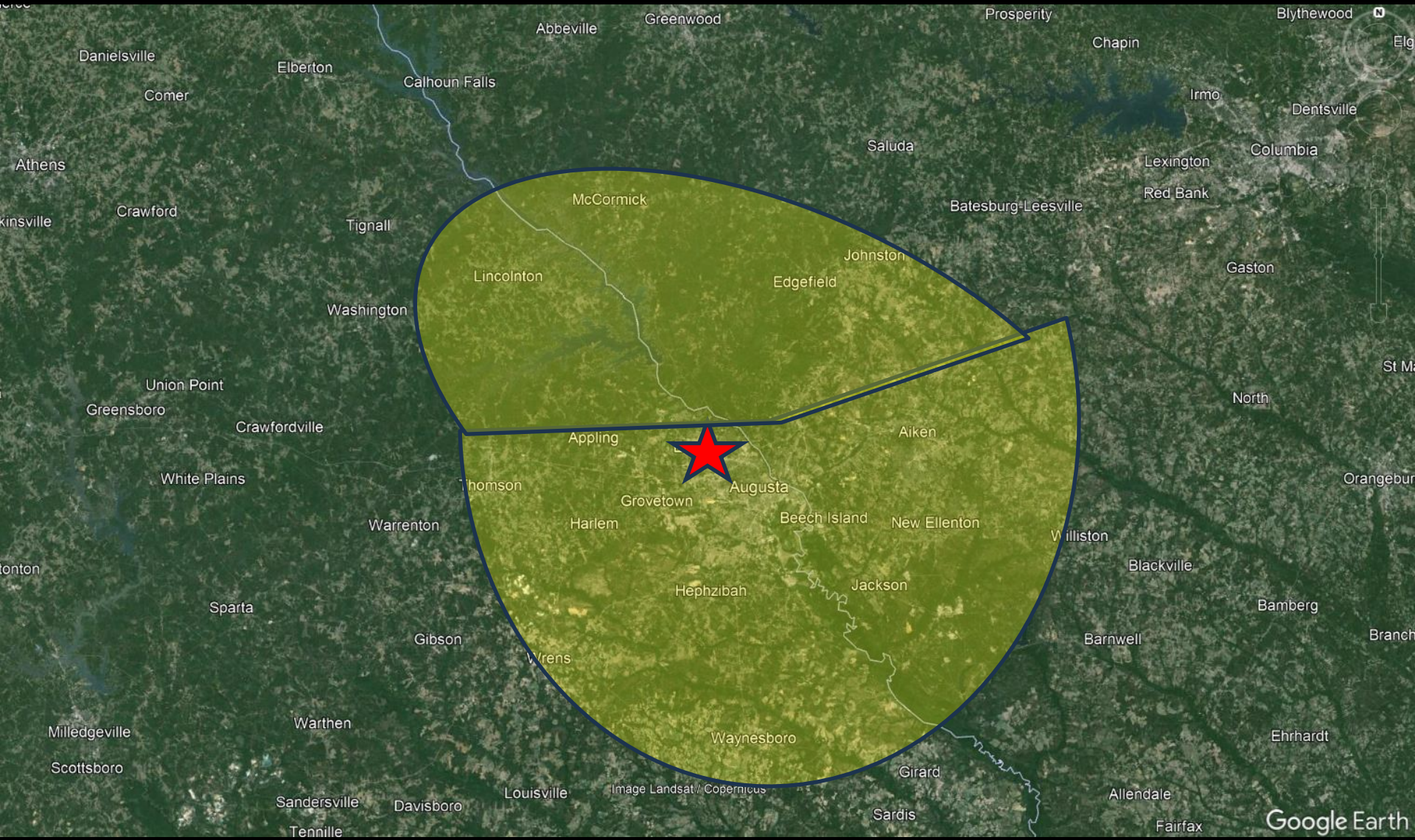
- Repeater Committee
 - Randall Blumberg (KN4FYG) – Co-Director
 - Walter Brumbeloe (W4EFS) – Co-Director



COMMITTEE UPDATES

- Repeater Committee
 - Randall Blumberg (KN4FYG) – Co-Director
 - Walter Brumbeloe (W4EFS) – Co-Director

- DMR Repeater Coverage Testing
 - Near Plant Vogtle (Mobile)
 - North Leg, Highland Avenue/Gordon (Mobile)
 - Aiken County EOC (Portable)
 - Harlem (Portable in vehicle)
 - I-20 Westbound at MM 165 (Mobile)

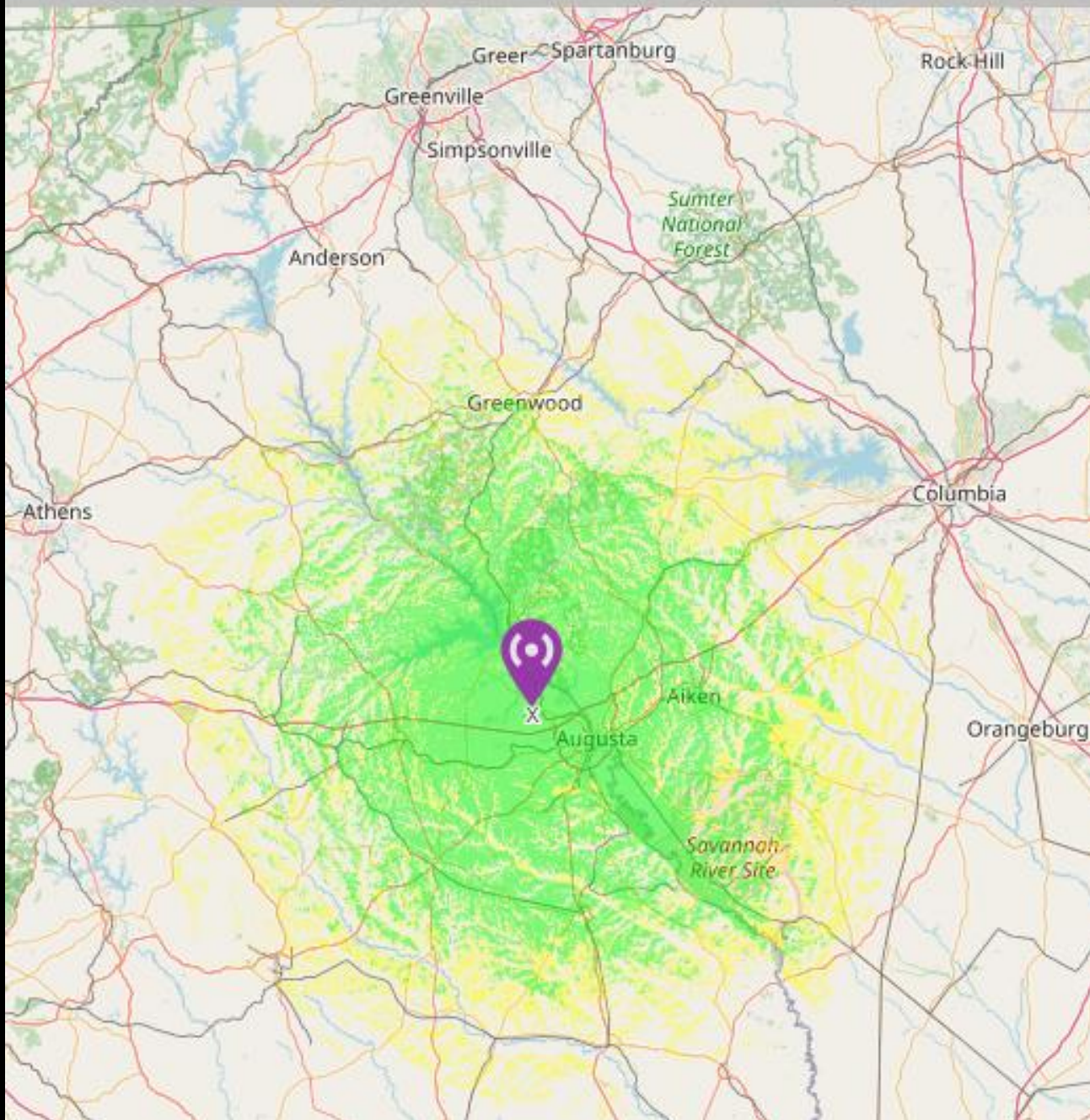


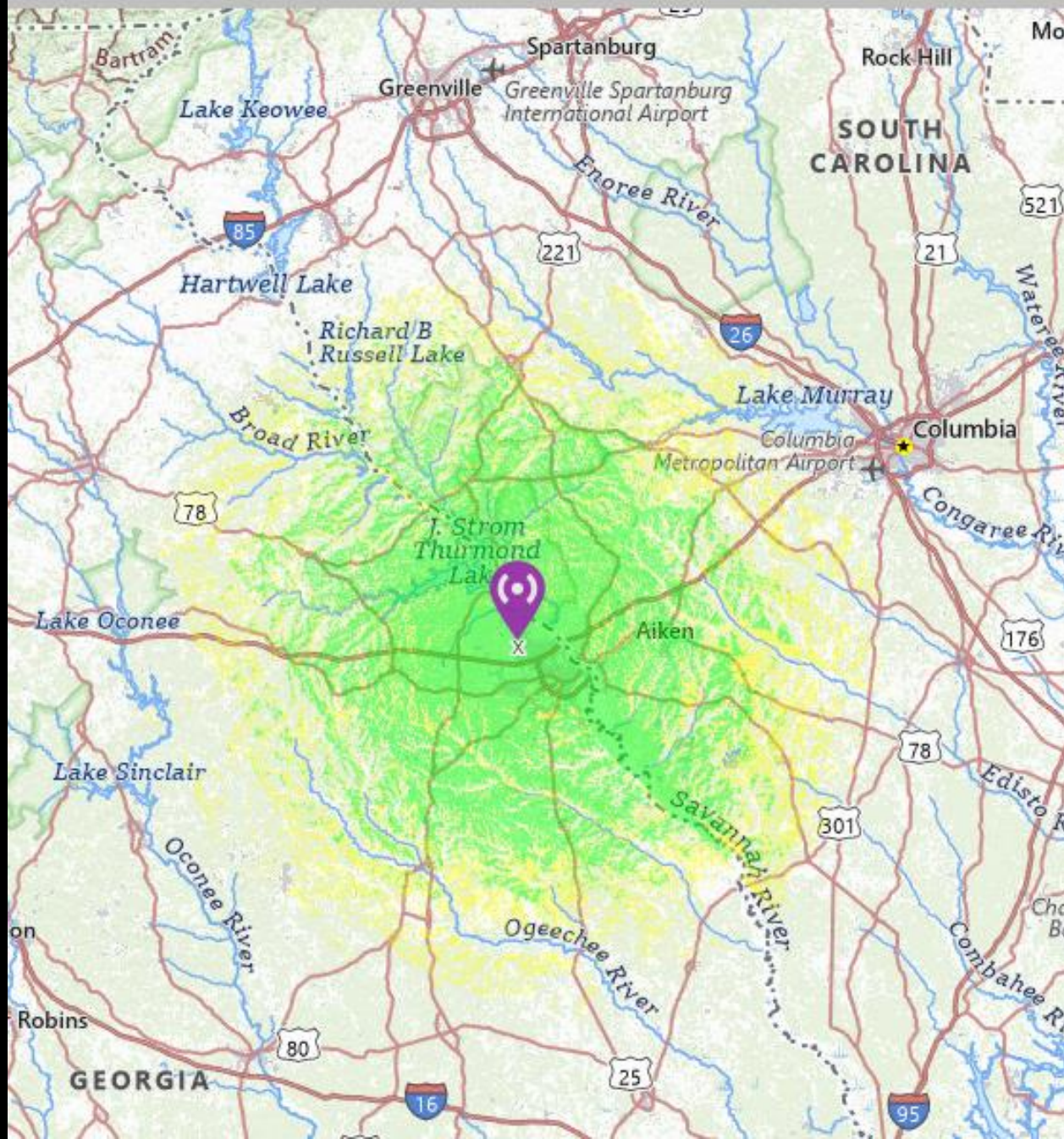


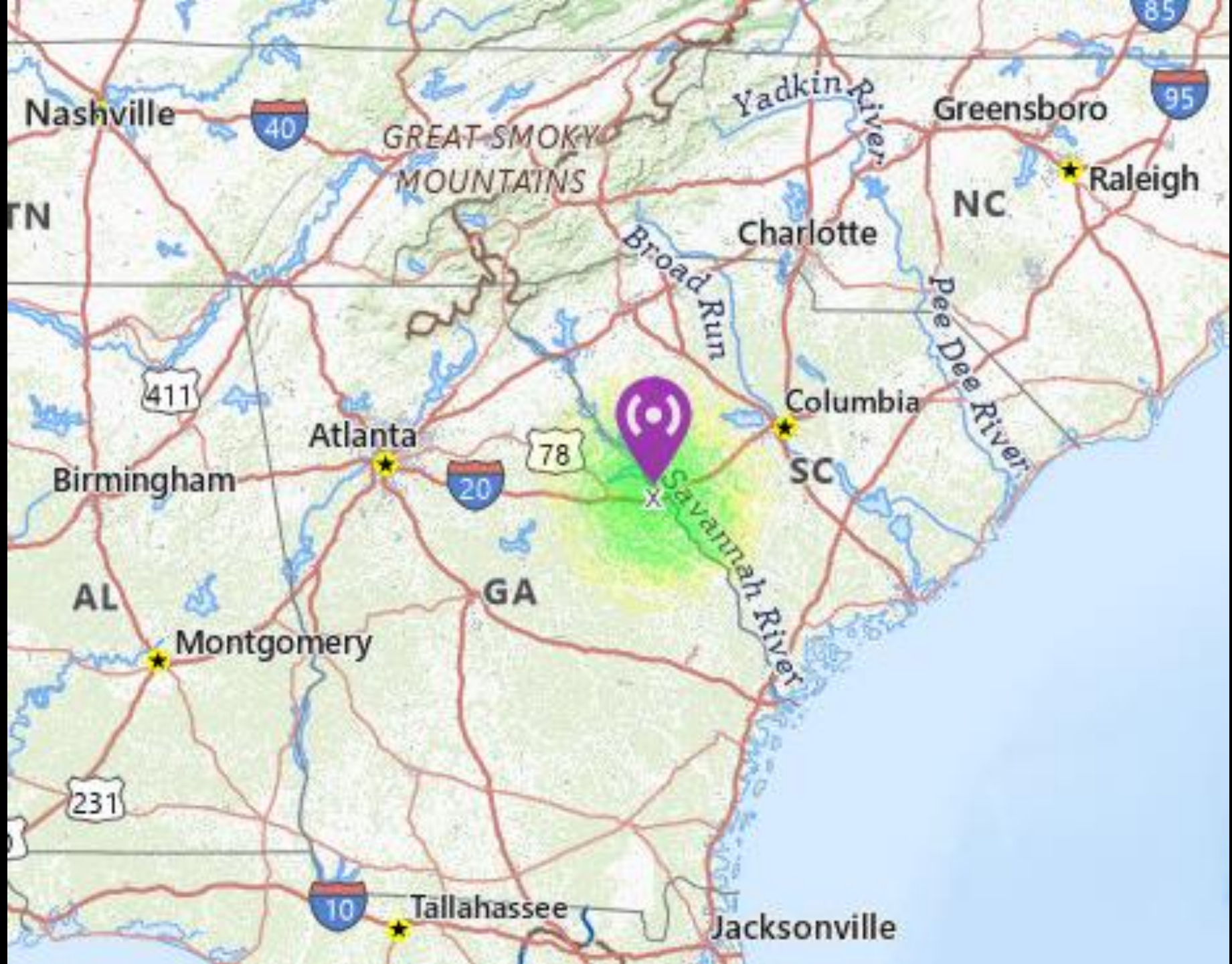
New Coverage

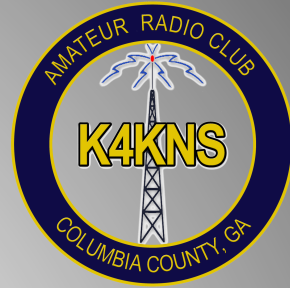
Centre Site	<input type="text" value="N Belair Road"/>	
Antenna Height (m above ground)	<input type="text" value="42"/>	137.80 ft
Antenna Type	<input type="text" value="Omni"/>	
Antenna Azimuth (°)	<input type="text" value="0"/>	
Antenna Tilt (°)	<input type="text" value="0"/>	
Antenna Gain (dBi)	<input type="text" value="8.6"/>	
<hr/>		
Mobile Antenna Height (m)	<input type="text" value="2"/>	6.56 ft
Mobile Antenna Gain (dBi)	<input type="text" value="2"/>	
<hr/>		
Description	<input type="text" value="444.9000 DMR"/>	
Frequency (MHz)	<input type="text" value="445"/>	
Tx power (Watts)	<input type="text" value="70"/>	48.45 dBm
Tx line loss (dB)	<input type="text" value="0.8"/>	
Rx line loss (dB)	<input type="text" value="0.8"/>	
Rx threshold (µV)	<input type="text" value="0.5"/>	-113.02 dBm
Required reliability (%)	<input type="text" value="80"/>	
<hr/>		
Strong Signal Margin (dB)	<input type="text" value="10"/>	
Strong Signal Color	<input type="text" value="#00FF00"/>	
Weak Signal Color	<input type="text" value="#FFFF00"/>	
Opacity (%)	<input type="text" value="50"/>	
Maximum range (km)	<input type="text" value="100"/>	62.1371 mi
Rendering	<input type="text" value="Low resolution (Fast)"/>	
Use land cover	<input checked="" type="checkbox"/>	
Use two rays	<input checked="" type="checkbox"/>	

Par/By Roger Coudé VE2DBE



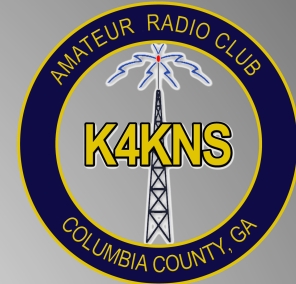






COMMITTEE UPDATES

- Repeater Committee
 - Randall Blumberg (KN4FYG) – Co-Director
 - Walter Brumbeloe (W4EFS) – Co-Director
- DMR Repeater
 - **CONVENTIONAL REPEATER OPERATION ONLY**
 - 449.9000 In (Subscriber TX)
 - 444.9000 Out (Subscriber RX)
 - CC 15
 - Timeslot 1 – TG358
 - Timeslot 2 – TG985



COMMITTEE UPDATES

- Field Day Committee
 - Marc Woodworth (KR4QT) – 2024 Co-Director
 - Sam Reeder (WW4ZT) – 2024 Co-Director
 - To Join the Field Day Committee
 - You must join via Groups.io
 - <https://arcccinc.groups.io/g/fieldday/topics>



Marc (KR4QT)

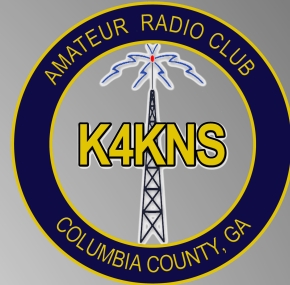


Sam (WW4ZT)



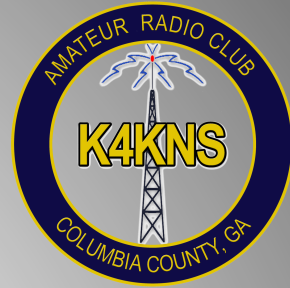
COMMITTEE UPDATES

- Field Day Committee After Action Review
 - Summary
 - ARCCC Summer 2024 Field Day was conducted at the Boy Scouts of America Georgia-Carolina Council Adventure Center in Columbia County at 3J Road. Operations commenced on June 22, 2024 and ended June 23, 2024. Operations were conducted throughout the day and night starting at 1800 Zulu on 6/22/24 through 1500 Zulu on 6/23/24 under the club's callsign K4KNS. Prior to operations, setup of antennas began at about 0800 on 6/22/2024 followed by additional equipment setup at 0900. In general, Field Day operations was a success. Everybody who operated and attended the field day activity appeared to have a good time. Several positive attributes were identified as well as some technical and administrative challenges. In addition, suggestions have been identified to improve future field day operations.



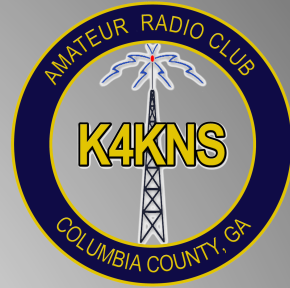
COMMITTEE UPDATES

- Field Day Committee After Action Review
 - Positive attributes of Field Day Operations
 - 1. Four new hams made contacts during field day operations. In addition, the grandson of one of the new hams also made some contacts.
 - 2. Several Boy Scouts made contacts which will contribute to their attainment of the Radio Merit Badge.
 - 3. Three instructors were available to teach the Boy Scout Radio Merit Badge class.
 - 4. We got excellent coverage by the antennas. While some states were missing, we got overall coverage throughout the continental United States, Hawaii and some Canadian Provinces.
 - 5. We continued to have success with establishing a computer network for logging contacts. While paper logging will always work, having the network and associated expertise will always be the most convenient approach for conducting field day operations.



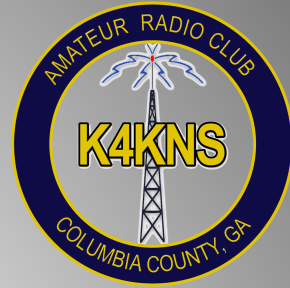
COMMITTEE UPDATES

- Field Day Committee After Action Review (cont.)
 - Positive attributes of Field Day Operations
 - 6. People were available to offer use of their antennas and their ability to erect the antennas with plenty of spare time prior to commencement of operations.
 - 7. We continue to have success in utilizing loaned batteries. This time, two of the batteries were 100 aH (or 300 aH?) LiFePO4 batteries in addition to the two deep cycle AGM (or Lead Acid?) batteries used in past field operations.
 - 8. We were able to have four fully operational transmitting stations including a digital station for the duration of the field day activity.
 - 9. Three personnel conducted night time operations which contributed to the number of contacts made.
 - 10. Enough food and plastic dinnerware was available to support the operators as well as others who were in attendance.



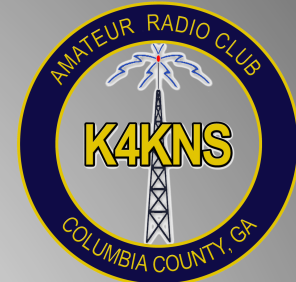
COMMITTEE UPDATES

- Field Day Committee After Action Review
 - Challenges
 - 1. Antenna feedline labels were inadequate.
 - 2. Propagation was less than adequate.
 - 3. Not enough operators were available to provide continuous coverage throughout the duration.
 - 4. Diet sodas/drinks were not made available for people with dietary restrictions.



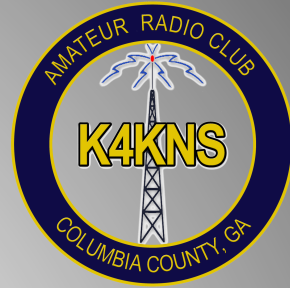
COMMITTEE UPDATES

- Field Day Committee After Action Review
 - Suggestions for future field day operations
 - 1. Labeling-Antenna and their corresponding feedline should be labeled inside the shack (operating station) so that it is easily identified. The label needs to designate the specific antenna connected to the feedline
 - 2. Bandpass Filters should be connected prior to commencing operations at the field day operating stations.
 - 3. A station diagram should be provided to the operators prior to setup of the operating station. This should be done as part of the Safety Brief. The diagram should show the following items:
 - a. The layout and orientation of the operating station including dimensions;
 - b. The location of each operating area and corresponding band of operation;
 - c. The layout and orientation of the field day antenna farm; and
 - d. The pre-defined band of operation assigned to each antenna.
 - 4. Each operating area within the station should have a large, laminated sign displaying the band of operation for that area.



COMMITTEE UPDATES

- Field Day Committee After Action Review
 - Suggestions for future field day operations (cont.)
 - 5. Each operating area should have a large, laminated band plan for the band of operations assigned to that area.
 - 6. We should consider having a "Station Chief" to coordinate operations for field day. This position would work in shifts during operating hours and would be the point of contact and decision authority for all operations questions:
 - a. Changing operating area band;
 - b. Modifying antenna or feedline configuration;
 - c. Responsible for validating station setup prior to operation; and
 - d. Calculating and documenting RF exposure.
 - 7. Increased media coverage – Our field day activity was announced in social media sites and news organizations (e.g., Visit Columbia County, Columbia County Magazine, WRDW Community Calendar) but we did not specifically invite media outlets to observe field day activities. Next time, we should have somebody coordinating invitations to media outlets and ushering such outlets through the field day site as operations are commencing and running during the day.



COMMITTEE UPDATES

- 2 New Field Day Co-Directors
Need to be picked now



COMMITTEE UPDATES

Directors provide QUICK UPDATES on their committees

- IT
- Repeater
- Net Control
- Volunteer Examiner
- Constitution and Bylaws
- Field Day
- Asset/Inventory
- Nomination

- Chaplain and Visitation
- Fundraising
- Mentoring
- Outreach

Appointed Positions:

- K4KNS Trustee
- Public Information Officer
- QSL Manager



Amateur Radio Club of Augusta



ARCA General Meeting

August 20, 2024 7:00 PM - 8:00 PM
POB-1 (formerly H2U) Building

W4DV.club

North Augusta - Belvedere Radio Club



NABRC General Meeting

August 12, 2024 7:00 PM - 8:00 PM

Aiken Regional Medical Center

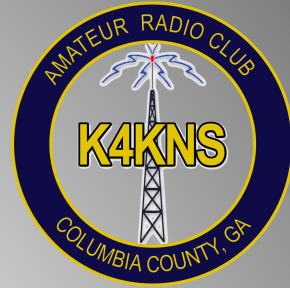
6th Floor

302 University Parkway

Aiken, SC 29801

K4NAB.org

East Central/Columbia County ARES



Susan Messick, WA0B

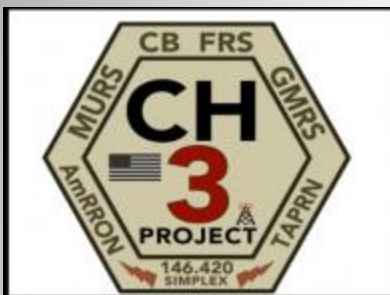
East Central District Emergency Coordinator
Columbia County GA ARES Emergency Coordinator

David Corsiglia, WA6TWF

Columbia County GA ARES Assistant Emergency Coordinator



AmRRON

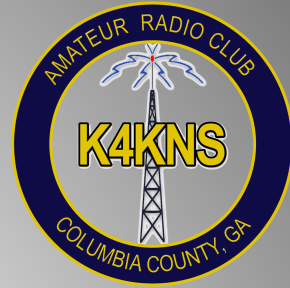


AmRRON



The American Redoubt Radio Operators Network
and The American Preparedness Radio Network (TAPRN)

Steven Kitchings, KN4RVU



REVIEW

- Review motions and assignments
- We would welcome your presentations and ideas for presentations.
- Is there a motion to adjourn the meeting?



THANK YOU!!!