

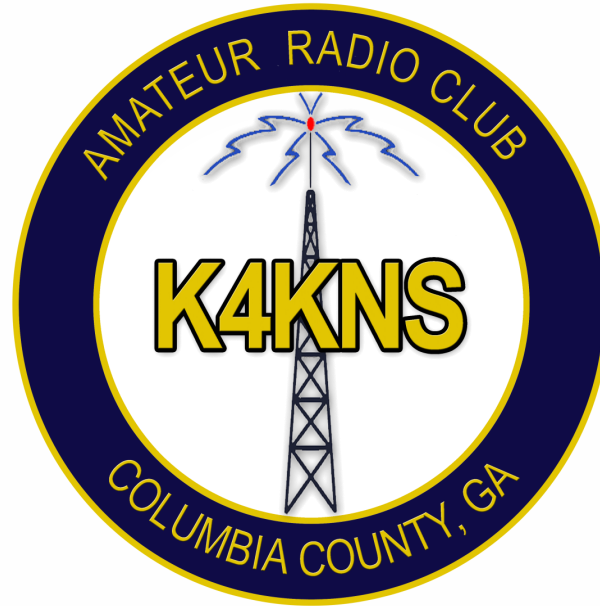
AMATEUR RADIO CLUB OF COLUMBIA COUNTY, INC.



THE ARCCC, INC. WELCOMES YOU!

The meeting will begin at 7 PM

AMATEUR RADIO CLUB OF COLUMBIA COUNTY, INC.



GENERAL MEETING

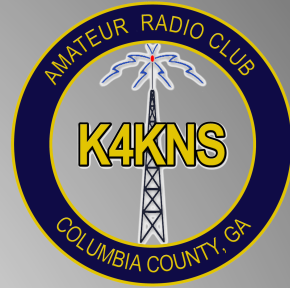
MEETING #145

Tuesday, September 3, 2024

7 PM

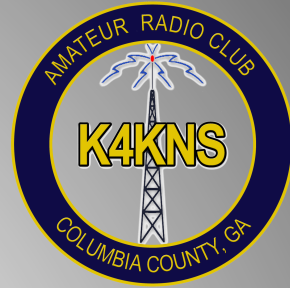


INVOCATION



MEETING AGENDA

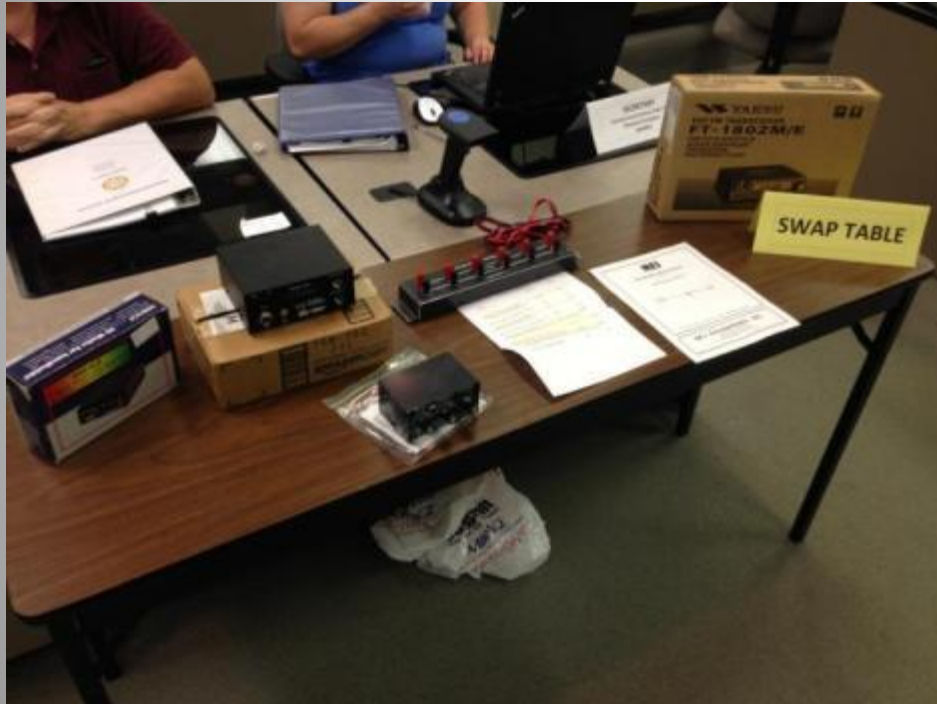
- Welcome & Introductions
- Presentation: 80 Meter Antenna on 66' of Wire
 - Robert McManus (KN4KQJ)
- Membership Applications
- Monthly Reports
- Upcoming Events
- Business Items
- Committee Updates
- Amateur Radio Club of Augusta
- North Augusta Belvedere Radio Club
- East Central/Columbia County ARES
- AmRRON
- Review Motions and Assignments
- Adjourn

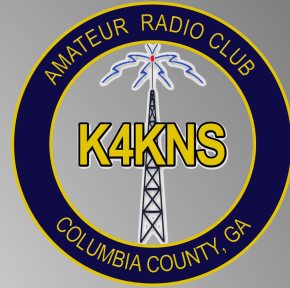


SWAP TABLE

Now at

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

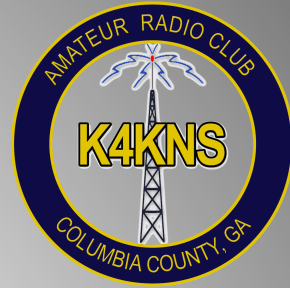




Welcome and Introductions

- Please Sign In on the Attendance Log
 - Please PRINT Legibly

- Introductions
 - QUICKLY Go Around the Room and Provide Your Name and Call Sign



Presentation

80 Meter Antenna 66' Wire

Robert McManus (KN4KQJ)

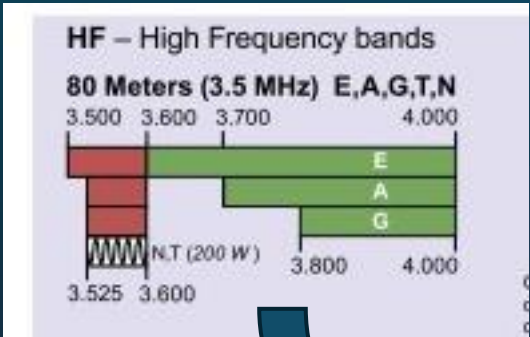


Operating on 80 meters with a 66' Wire

Or

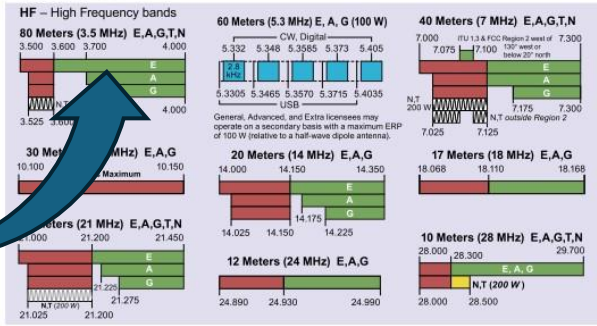
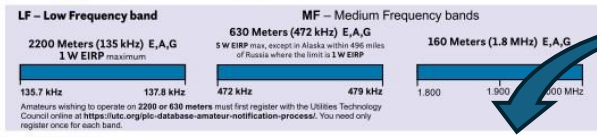
How I stay out of the bars

Copyright 2024 Robert McManus. All rights retained.



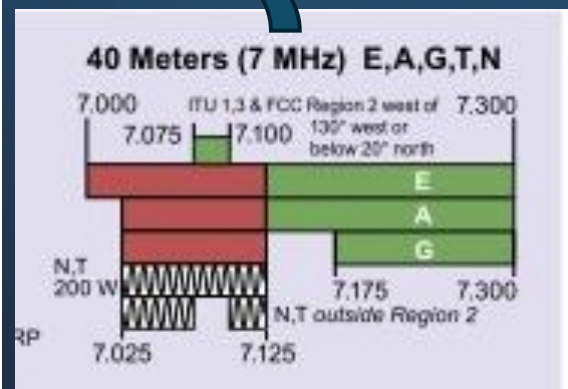
US Amateur Radio Bands

Operator license classes: E = Amateur Extra A = Advanced G = General T = Technician N = Novice
 CW operation is permitted throughout all amateur bands. Except as noted, all frequencies are in megahertz (MHz).
 RTTY, data, phone, image USB phone, RTTY, data and CW RTTY and data phone and image
 SSB phone CW only



SHF&EHF – Super and Extremely High Frequency bands
 All licenses except Novices are authorized all modes on the following frequencies:
 2300-2310 MHz 3300-3450 MHz 60.0-70.5 GHz 47.0-47.2 GHz 122.25-123.0 GHz 241-250 GHz
 2390-2450 MHz 5650-5925 MHz 24.0-24.25 GHz 76.0-81.0 GHz 134-141 GHz All above 275 GHz

See www.arrl.org/band-plan for detailed band plans.
 Copyright © ARRL, 2023
 OTABands rev. 11/16/2023



Antenna Length for Half Wave Dipole

Rough: Band is the Wave Length. ie: 80 meter dipole would be 40 meters or 131.2ft.

Better: Dipole length: $300,000,000 \text{ m/sec} \times 3.28 / \text{Frequency} \times 2$
 $300,000,000 \times 3.28 / 3,750,000 \times 2 = 131.2\text{ft}$

Best: $468 / \text{frequency in mhz}$
 $468 / 3.75 = 124.8\text{ft}$

Comparison of Antenna Lengths

80 meter band at 3.75mhz

$$468 / 3.75 =$$

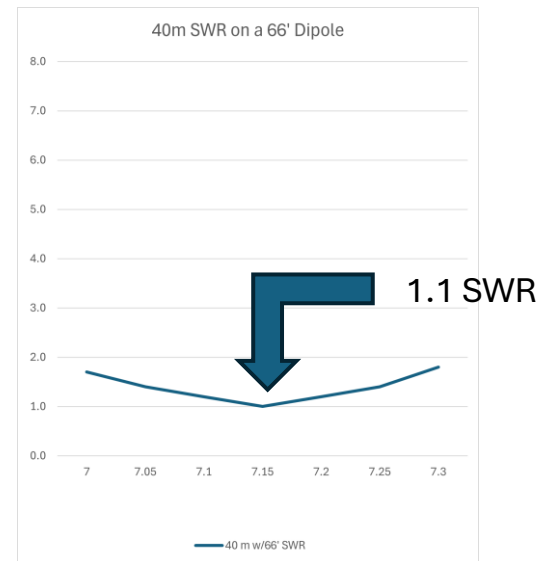
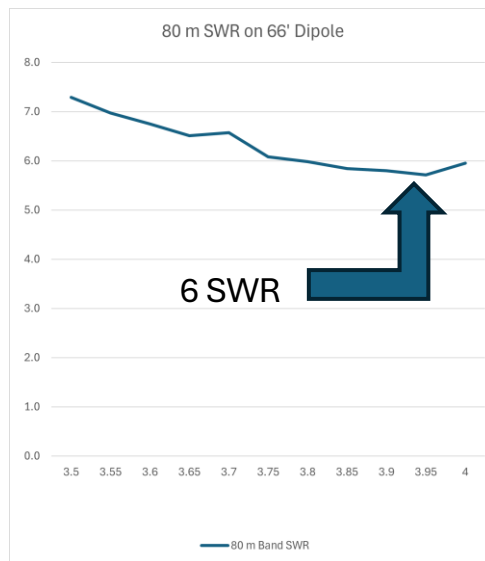
124.8'

40 meter band at 7.150mhz

$$468 / 7.150 =$$

65.5'

What happens
when transmitting
80m on a 66'
wire?



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rights retained.



How to get a Low SWR on a 66' wire

Vertical Antennas

- Verticals are a form of Dipole turned vertical
- Vertical antennas are relatively short
- The vertical radiator is shorten with a loading coil

Yagi

- Yagis are a form of a Dipole
- Yagis use loading coils to shorten the element length

Why not use loading coils on a wire Dipole?

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Sources for Loading Coil Sizing:

- ARRL Antenna Book 23rd Edition, Chapter 9.2
- Jerry Hall, K1PLP, QST, September 1974

$$L_{\mu H} = \frac{10^6}{68\pi^2 f^2} \left\{ \frac{\left[\ln \frac{24 \left(\frac{234}{f} - B \right)}{D} - 1 \right] \left[\left(1 - \frac{fB}{234} \right)^2 - 1 \right]}{\frac{234}{f} - B} \right. \\ \left. - \frac{\left[\ln \frac{24 \left(\frac{\Delta}{2} - B \right)}{D} - 1 \right] \left[\left(\frac{f\Delta}{2} - fB \right)^2 - 1 \right]}{\frac{\Delta}{2} - B} \right\}$$



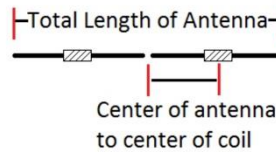
There is a Shortcut:

[http:
66pacific.com](http://66pacific.com)

- Coil-Shortened Dipole Antenna Calculator
- Coil Inductance Calculator

Coil-Shortened Dipole Antenna Calculator

Build an effective dipole antenna that needs much less space by adding two loading coils. This online calculator tells you how.



Total length of antenna in feet

Open the dipole length calculator in a separate page.

Distance from center of antenna to the center of the coil in feet (Must be less than half the total antenna length given above)

Diameter of the conductor in inches (14 gauge is .065", 12 gauge is .08")

Open the wire gauge and diameter calculator in a separate page.

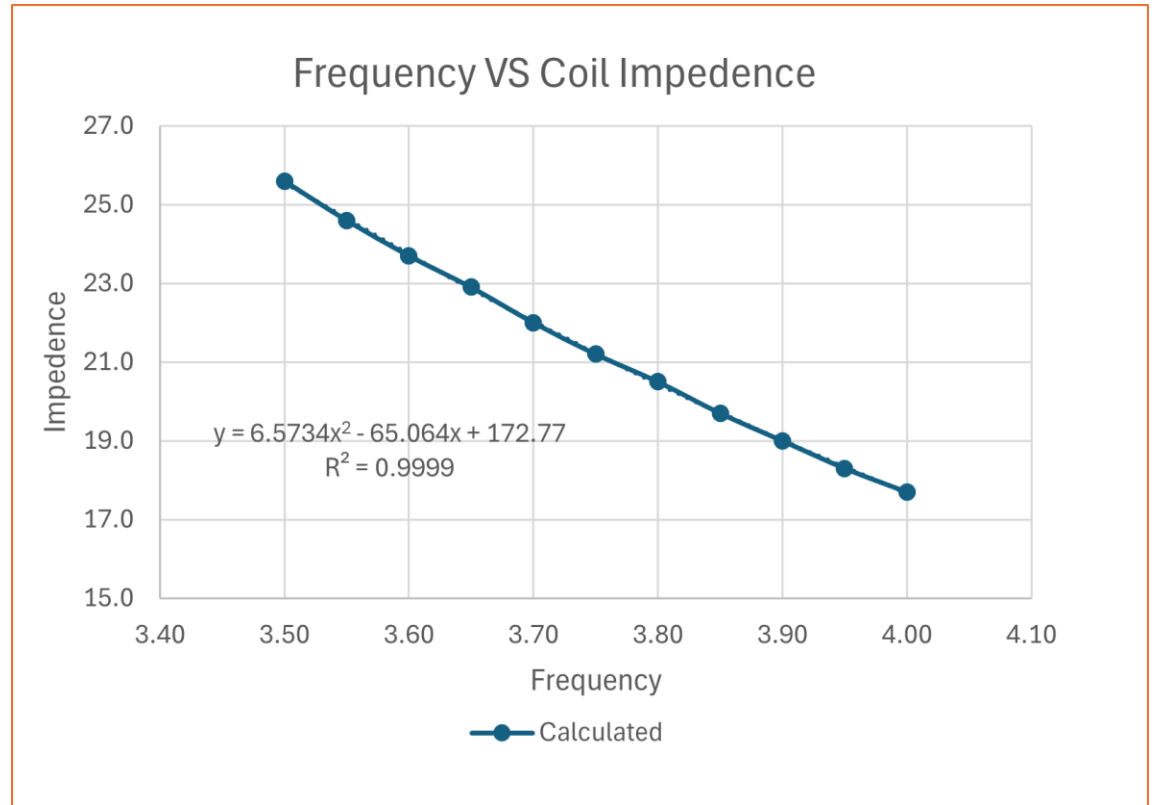
Operating frequency in megahertz

Calculate

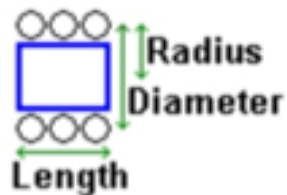
Results

Each coil requires an inductance of 21.4 microhenries.

Frequency VS Impedance



$$L = \frac{\text{Radius}^2 \times \text{Turns}^2}{9\text{Radius} + 10\text{Length}}$$



Coil Inductance Calculator

To calculate the inductance of a single-layer, air-core coil:

1. Select the measurement units (inches or centimeters).
2. Enter the number of turns (windings).
3. Enter the coil diameter (form diameter + wire diameter - see diagram).
4. Enter the coil length (distance from first to last winding - see diagram).
5. Click **Calculate**.

Inches

Centimeters

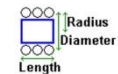
Single-layer coil

Multi-layer, multi-row coil

Multi-layer, single-row coil

(The following inductance formula requires units in inches.)

$$L = \frac{\text{Radius}^2 \times \text{Turns}^2}{9\text{Radius} + 10\text{Length}}$$



Turns

Diameter

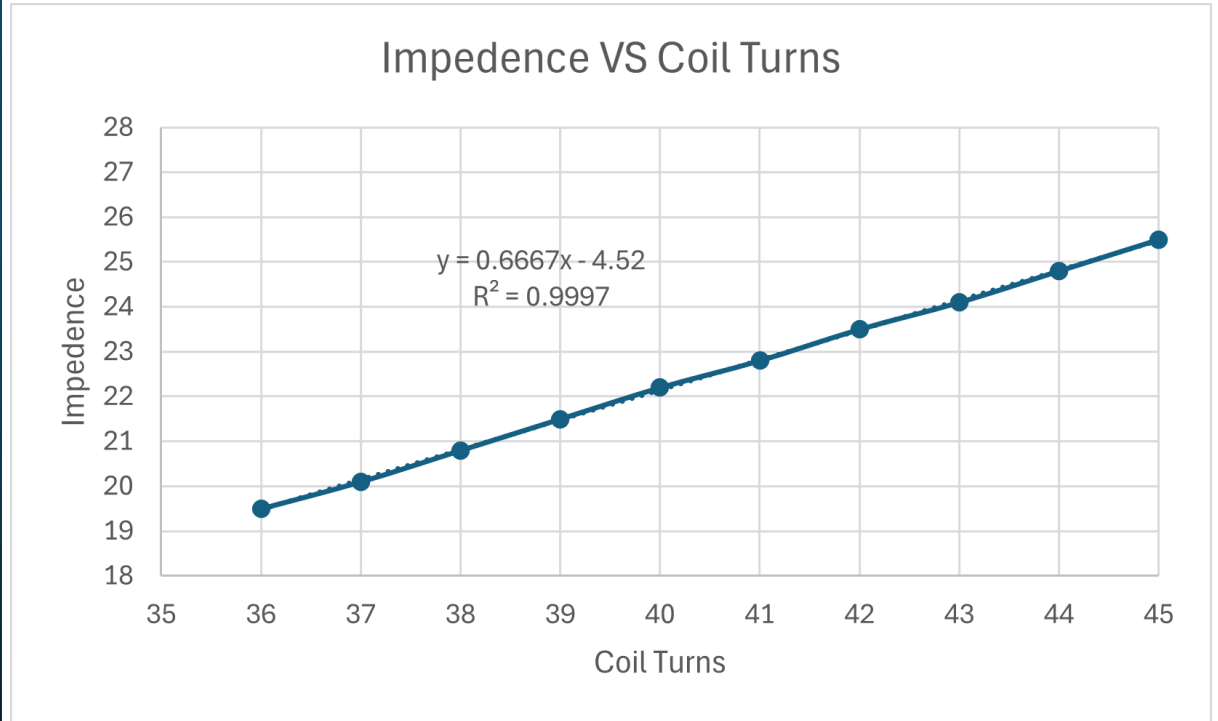
Length

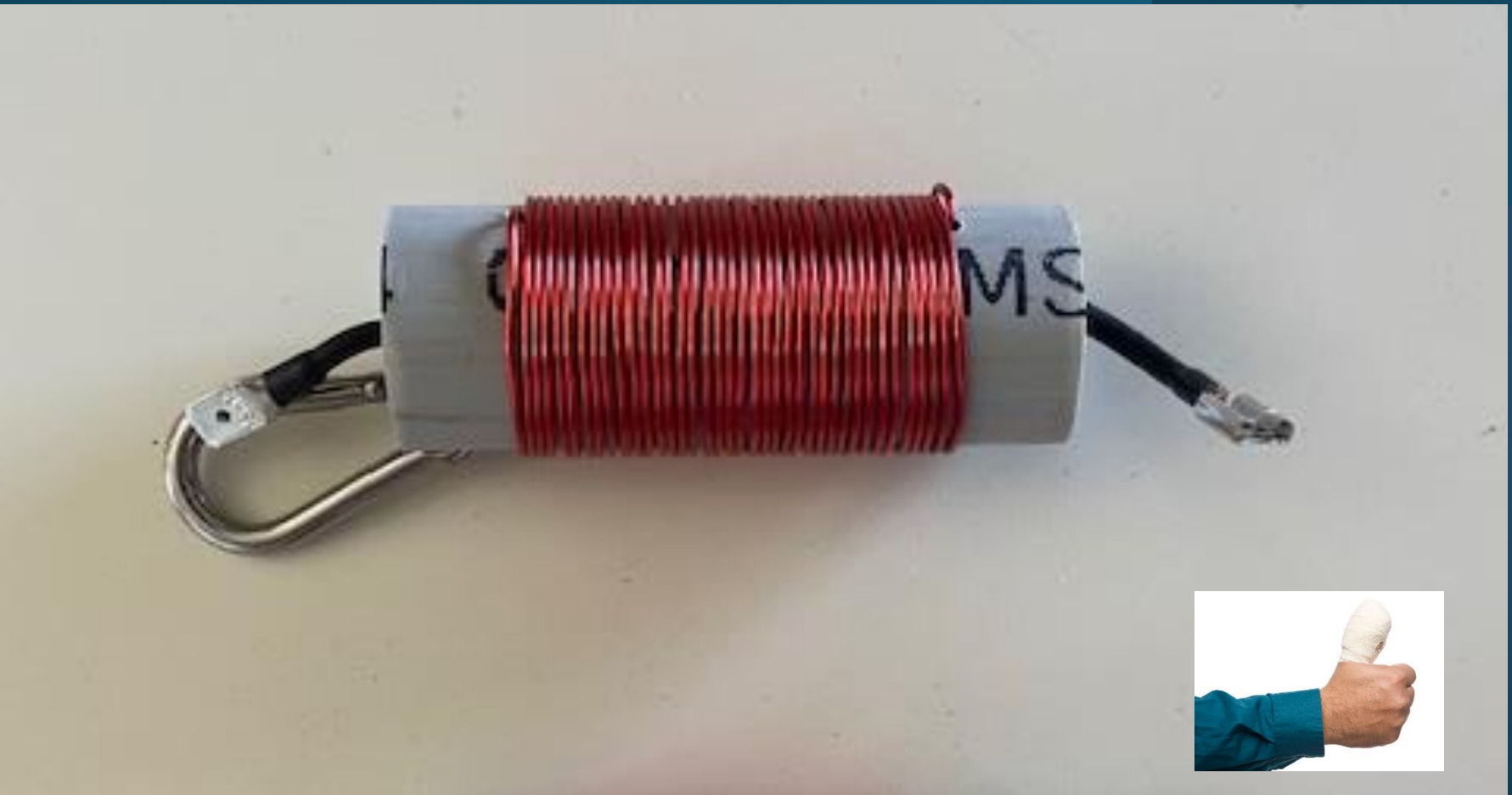
Depth

CALCULATE

Result: Inductance = 22.2 microhenries

Impedance VS Coil Turns



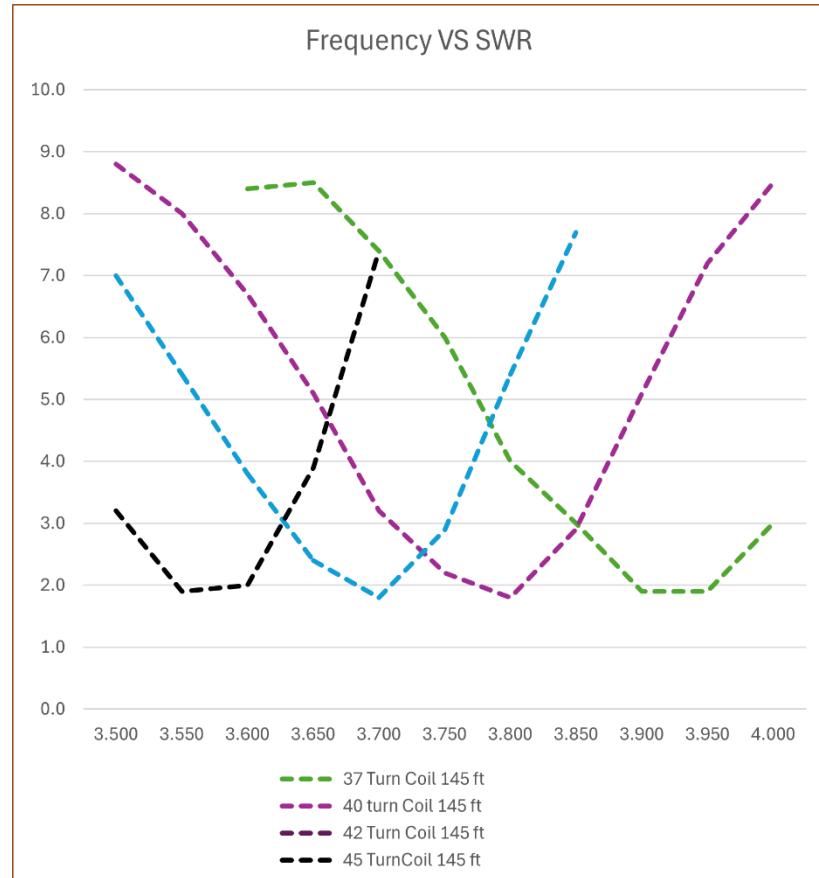


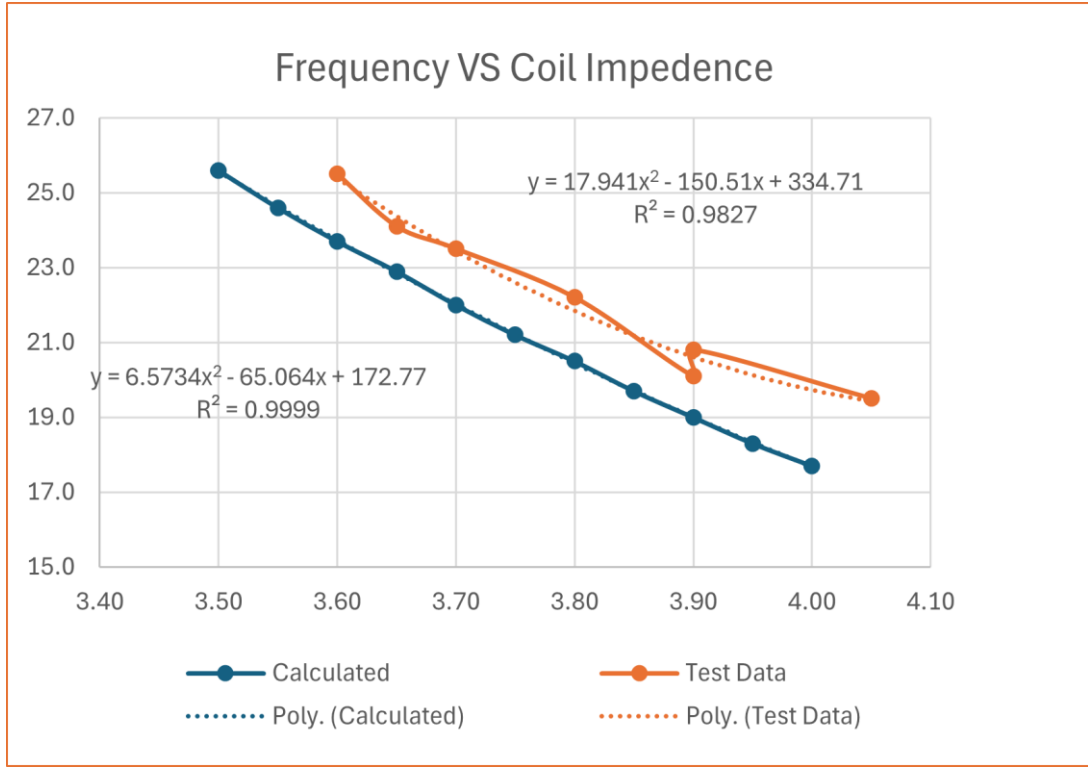






80m Band SWR Curves for Different Coil Taps





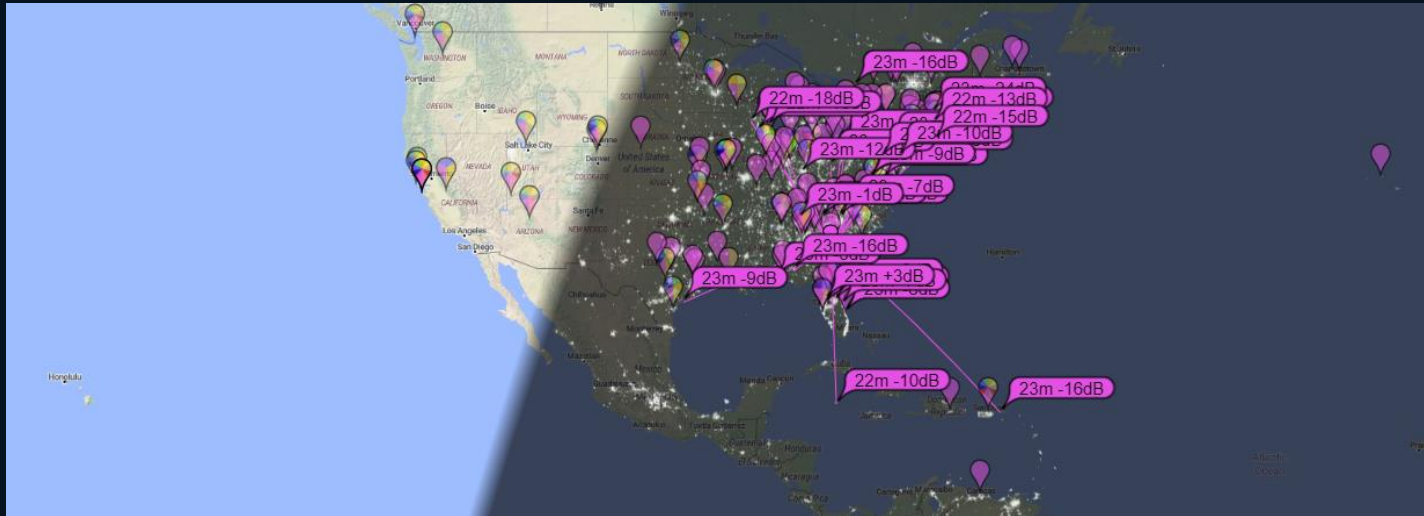
Test Results



The background features a dark, almost black, field with several vertical, glowing lines. These lines are primarily green and yellow, with some appearing as thin, bright streaks and others as thicker, more diffuse bands. The lines are arranged in a way that suggests a central vertical axis, with lines on either side that appear to curve slightly outwards as they descend. The overall effect is reminiscent of a stylized, abstract representation of a tree or a series of data paths.

How does it Perform?

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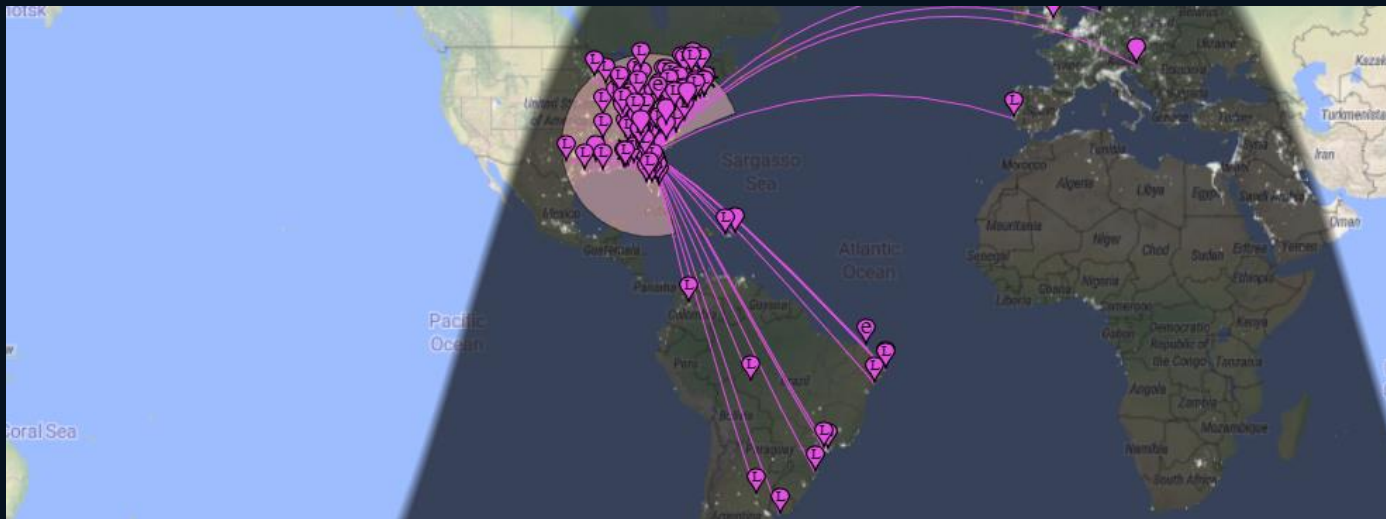


FT-8 Transmitting on 3.573

20 Watts

34 Stations

173 to 1453 Miles



FT 8 Receive

80 meters with a 66' Wire Conclusions

- It Works
- Requires Less Space
- Light
- Easy to Deploy
- Good Propagation
- Narrow Bandwidth per Coil
- Can Work 20 and 40m by
By-Passing Coil

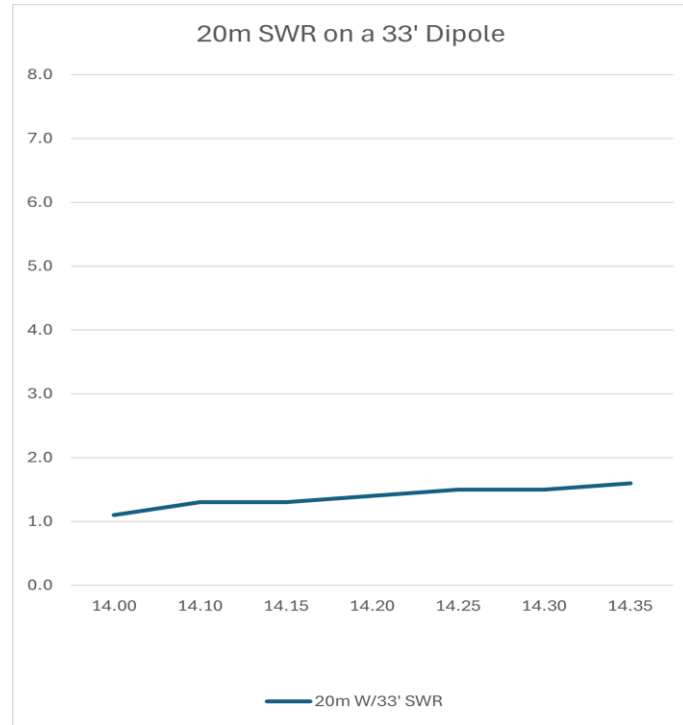


After the Movie Short Topics

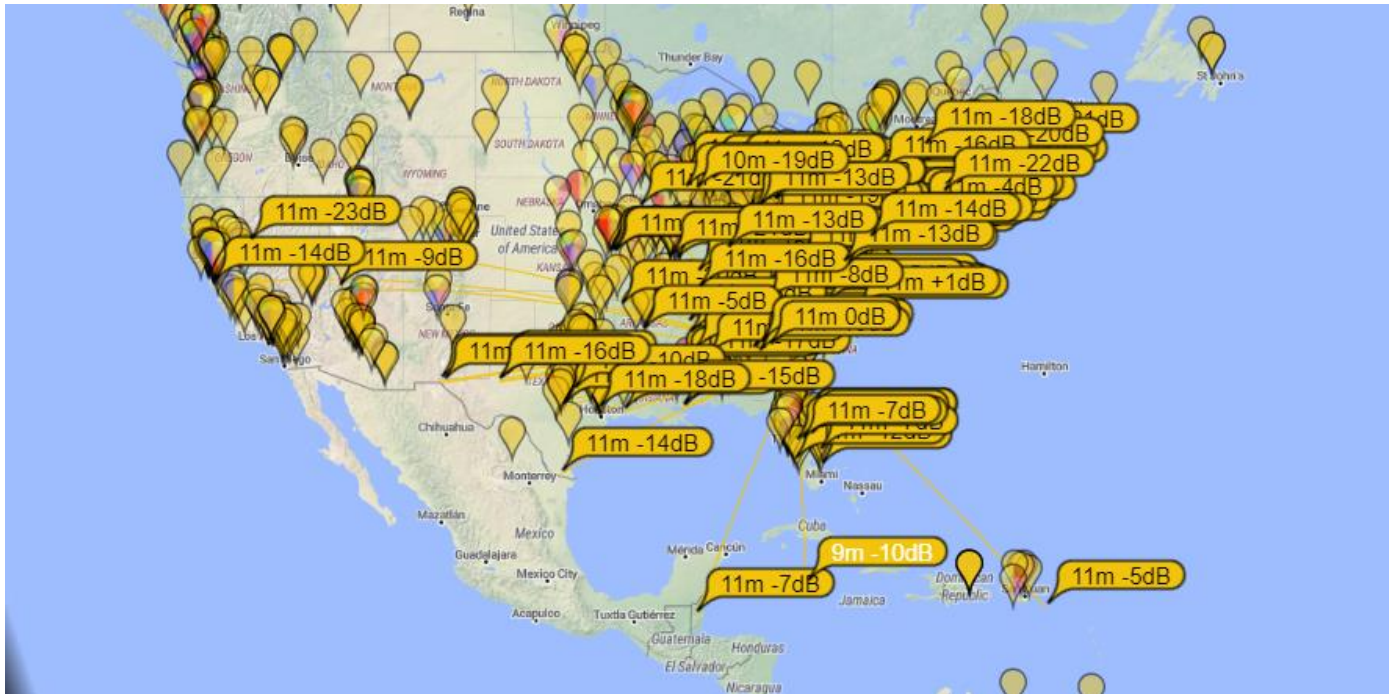
Antenna
Performance on 20
meters

SWR and Bandwidth
Impacts from
Differing Feed Line
Length

20m Band 33' Dipole Performance

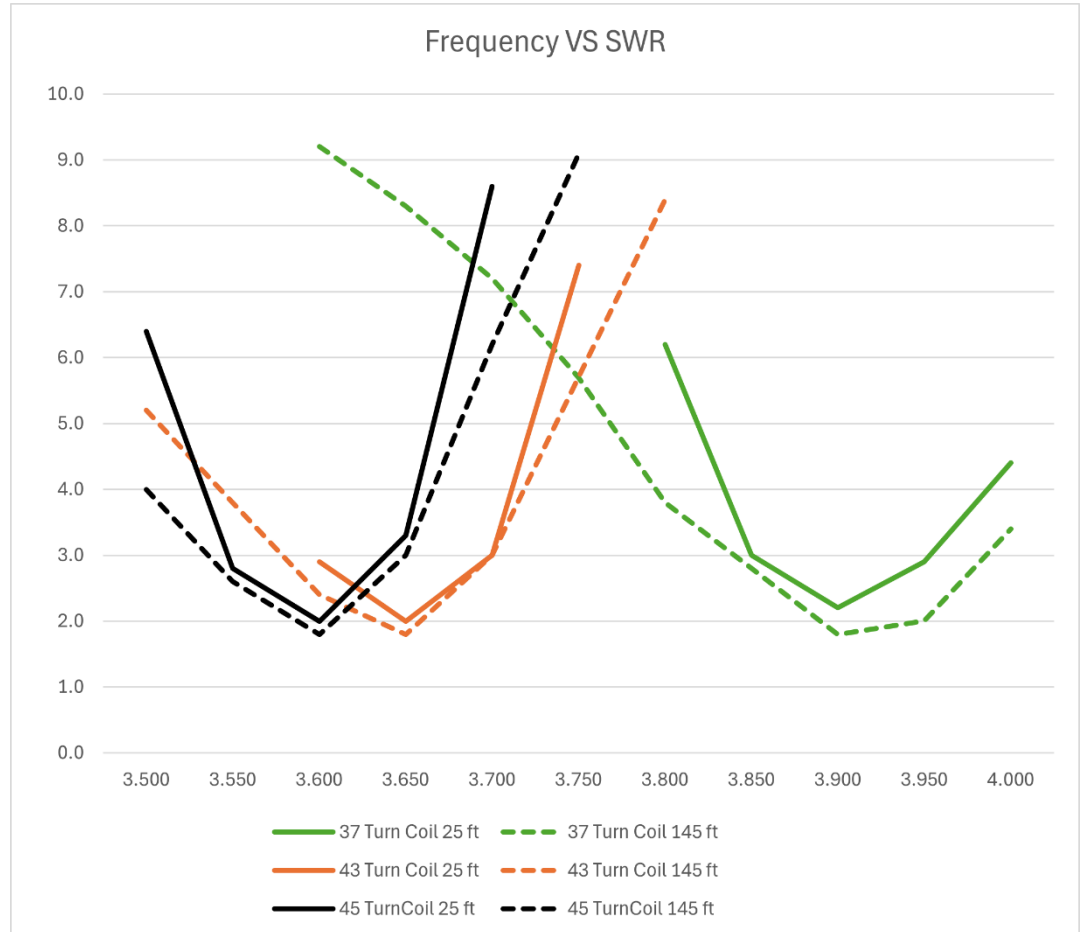


20m Band 33' Dipole Performance 20 Watts



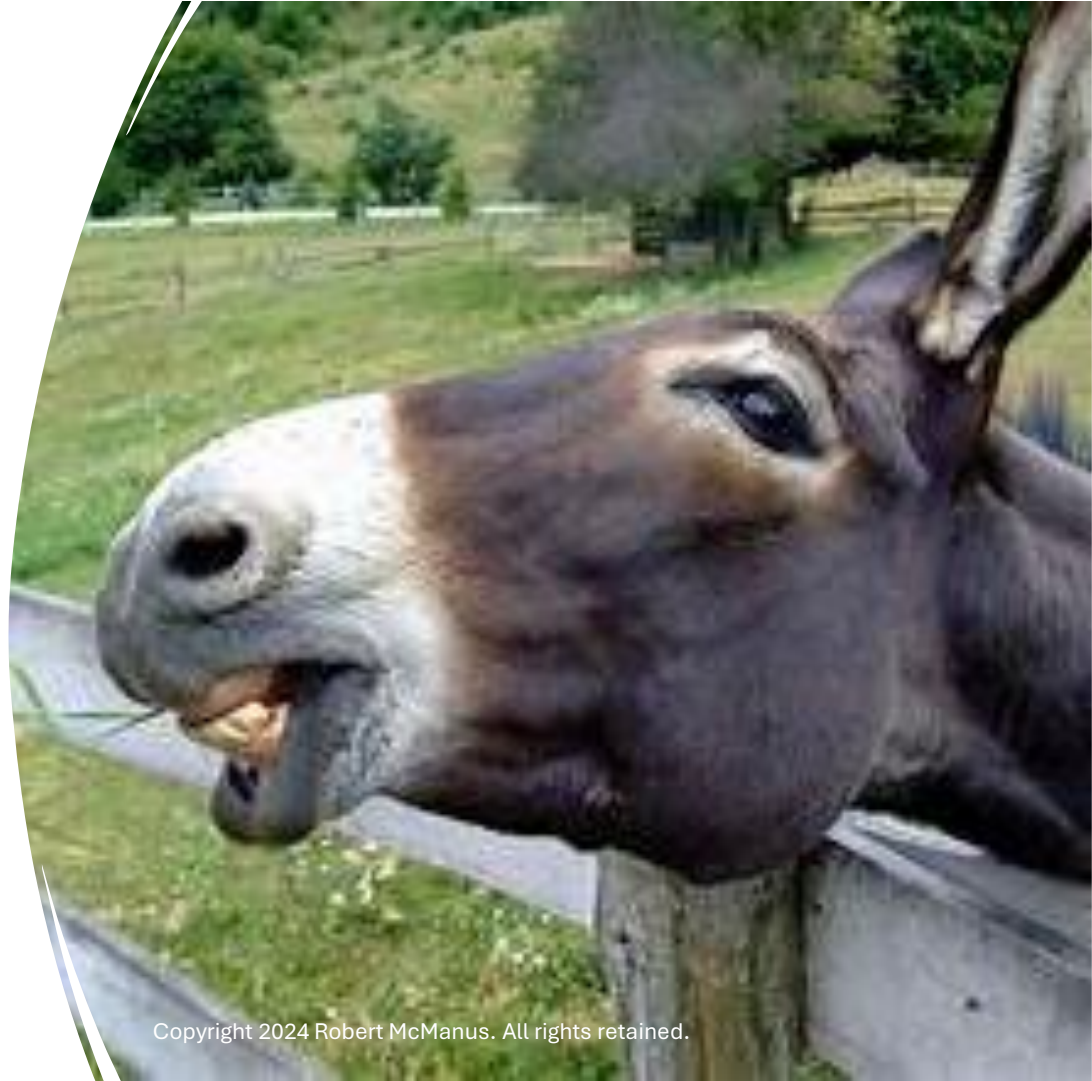
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SWR and Bandwidth Impacts from Differing Feed Line Length

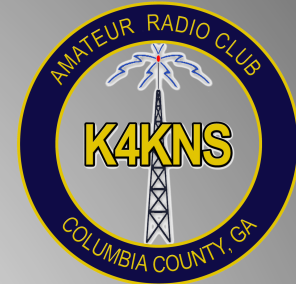


The End

Tips and Bar Tab
Donations are always
Appreciated



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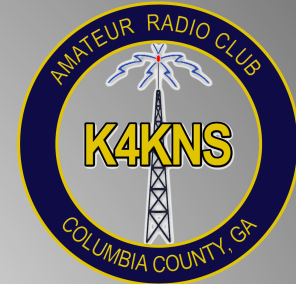


Presentation

80 Meter Antenna
66' Wire

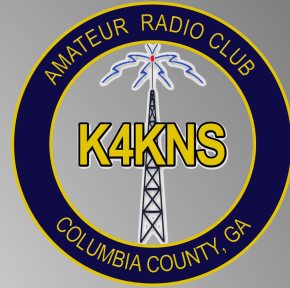
THANK YOU!!!

Robert McManus (KN4KQJ)



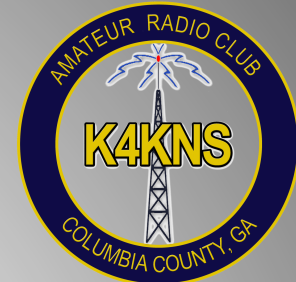
UPCOMING EVENTS

- 09-14-2024 CSRAHamExams Exam Session
- 10-05-2024 Oliver Hardy Festival
- 10-05-2024 Rockhill Hamfest
- 10-12-2024 CSRAHamExams Exam Session
- 10-20-2024 Best Dam Bike Ride 2024
- 10-19/20-2024 Jamboree-on-the-Air
- 10-26-2024 SEED Science Education Enrichment Day
- 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

Amateur Radio Club of Columbia County

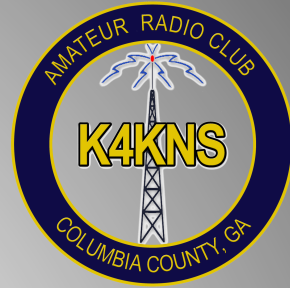
Printed on 7/1/2024

Treasurer's Report

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

CHECKBOOK SUMMARY

ARCCC ACCOUNTS	AMOUNT
7513 - Main Account	\$ 2,404.60
4913 - Pay Pal Account	\$ 490.00
Pending Transfer from PayPal	\$ 804.93
Petty Cash - Treasurer	\$ 160.00
Petty Cash - Asset Committee	\$ -
Pending Deposit - Checks	\$ -
Pending Deposit - Cash	\$ -
TOTAL AMOUNT	\$ 3,859.53
Less Commitments	
2024 Budget	\$ (1,426.25)
TOTAL AVAILABLE FUNDING	\$ 2,433.28



ARCCC, INC. MONTHLY REPORTS

Amateur Radio Club of Columbia County

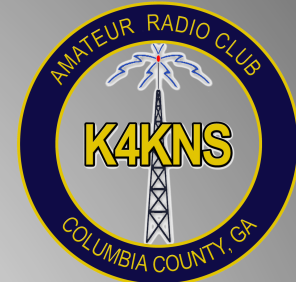
Printed on 8/5/2024

Treasurer's Report

- Update from Treasurer
 - June 2024 Update
 - **July 2024 Update**
 - August 2024 Update

CHECKBOOK SUMMARY

ARCCC ACCOUNTS	AMOUNT
7513 - Main Account	\$ 2,175.44
4913 - Pay Pal Account	\$ 490.00
Pending Transfer from PayPal	\$ 1,166.56
Petty Cash - Treasurer	\$ 160.00
Petty Cash - Asset Committee	\$ -
Pending Deposit - Checks	\$ -
Pending Deposit - Cash	\$ -
TOTAL AMOUNT	\$ 3,992.00
Less Commitments	
2024 Budget	\$ (1,330.00)
TOTAL AVAILABLE FUNDING	\$ 2,662.00



ARCCC, INC. MONTHLY REPORTS

Amateur Radio Club of Columbia County

Printed on 9/1/2024

Treasurer's Report

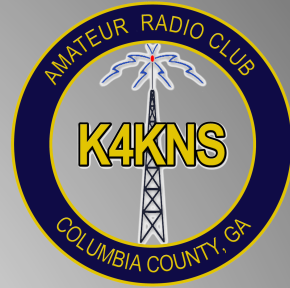
- Update from Treasurer
 - June 2024 Update
 - July 2024 Update
 - August 2024 Update

Secretary's Report for August 6th, 2024 meeting:

- [08-06-2024 Meeting Minutes](#)

CHECKBOOK SUMMARY

ARCCC ACCOUNTS	AMOUNT
7513 - Main Account	\$ 2,127.63
4913 - Pay Pal Account	\$ 490.00
Pending Transfer from PayPal	\$ 1,238.59
Petty Cash - Treasurer	\$ 160.00
Petty Cash - Asset Committee	\$ -
Pending Deposit - Checks	\$ -
Pending Deposit - Cash	\$ 25.00
TOTAL AMOUNT	\$ 4,041.22
Less Commitments	
2024 Budget	\$ (1,330.00)
TOTAL AVAILABLE FUNDING	\$ 2,711.22



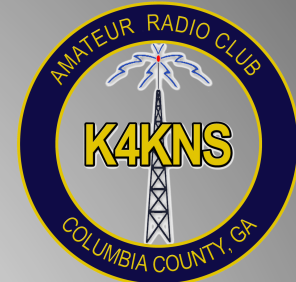
KROGER COMMUNITY REWARDS

- 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**



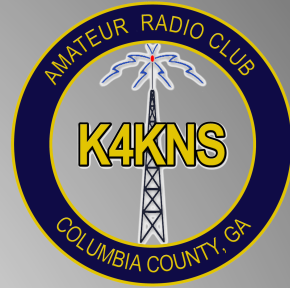
ARC of Columbia County, Ga
Badge price \$13.50

MEGA-STRONG Magnetic Bar \$3.75

The SignMan *of Baton Rouge*

Order at this link:

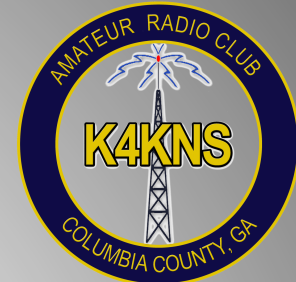
<https://thesignman.com/clubs/columbiacogacart.html>



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/arccinc>
- **Please email all monthly meeting presentation items to the President no less than 7 days prior to the General Meeting.**

HamClubOnline - Club Self-Check (ARCCC)



Member Statistics:

Active Members [98](#)
 Expiring Soon Members [0](#)
 Inactive Members [46](#)
 Non-Members Affiliates [0](#)

Rank Statistics: (Active Members)

Member [92](#)
 Trustee [1](#)
 Officer [5](#)
Total [98](#)

Member Types Statistics: (Active Memberships)

Family Membership [9](#)
 Family Membership (Free) [6](#)
 Full Membership [66](#)
 Full Membership (Active Military) [1](#)
 Honorary Membership [1](#)
 Life Membership [15](#)
Total [98](#)

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 a Balance:

NOTE: Positive amounts are owed to the club, negative amounts are owed to the member.

Name	Callsign	Balance
DONALD E DRZEWOSZEWSKI	WB2WEO	\$25.00

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
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)
Richard M McKnight	NO3K	2024-08-14	(HCOL SYSTEM)
Michael S McMahon		2024-06-20	ERIC J CAGLE KK4ZHT

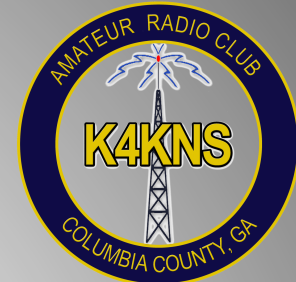
New Memberships: (Last 90 Days)

Name	Callsign	Membership Type	Amount	Start Date	End Date	Poster	Post Date
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	WA2TRP	Full Membership	\$25.00	2024-08-01	2025-07-31	Michael J Bitetti	2024-07-31
Gary D Borba	KR4XC	Full Membership	\$25.00	2025-08-11	2026-08-10	Gary D Borba	2024-08-09
RAYMOND C GANNAWAY	KJ4HZ	Family Membership	\$25.00	2024-09-25	2025-09-24	RAYMOND C GANNAWAY	2024-08-19
RICHARD 'TERRY' T BURTON	W4ALK	Full Membership	\$25.00	2024-09-01	2025-08-31	RICHARD 'TERRY' T BURTON	2024-08-31

- 1.
- 2.
- 3.

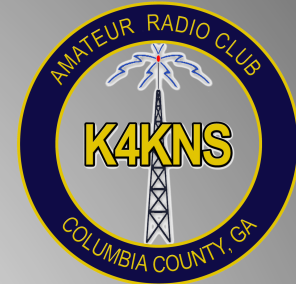
[Club Menu](#)
[Main Menu](#)
[Logoff](#)



ARCCC, INC.
MEMBERS

COMMITTEES

BOD



COMMITTEE UPDATES

Directors provide QUICK UPDATES on their committees

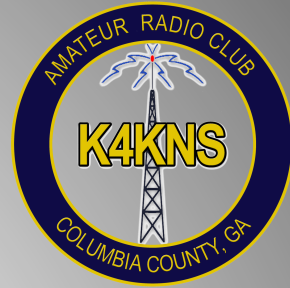
- IT
- Repeater
- Net Control
- Volunteer Examiner
- Constitution and Bylaws
- Field Day
- Asset/Inventory
- Nomination

- Chaplain and Visitation
- Fundraising
- Mentoring
- Outreach

Appointed Positions:

- K4KNS Trustee
- Public Information Officer
- QSL Manager

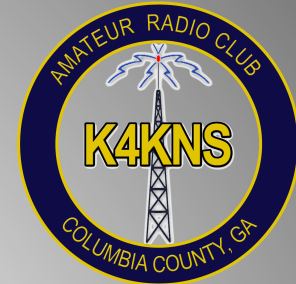




FOX HUNTS

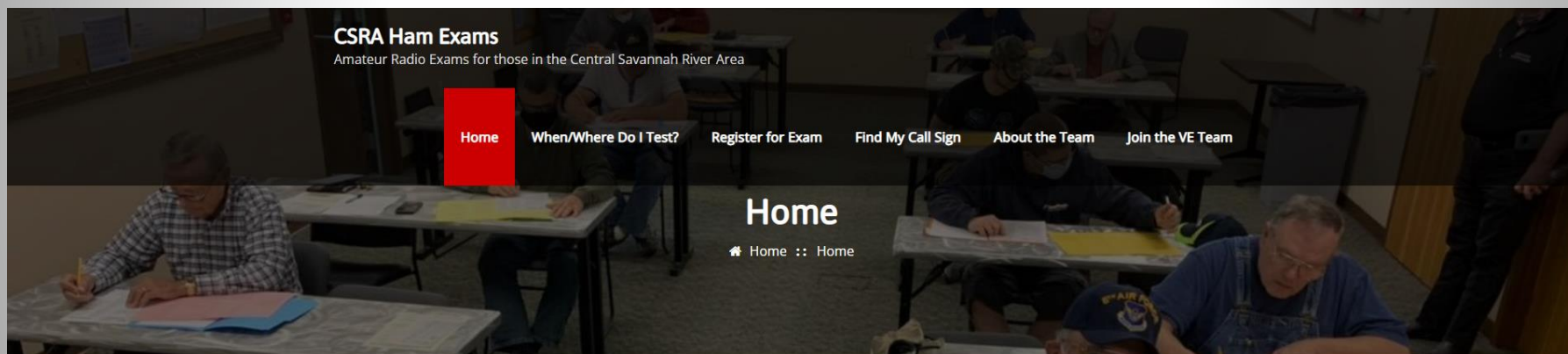
- Beginning March 5, 2024 there will be Fox Hunts before each ARCCC, Inc. General Meeting starting at 6 PM.
 - Fox #1 = 146.5650 MHz
 - Fox #2 = 146.0000 MHz
- Contact David Corsiglia (WA6TWF) for More Info





COMMITTEE UPDATES

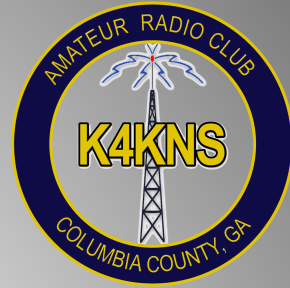
- Examinations
- CSRAHamExams.com



Welcome to CSRA Ham Exams.com!

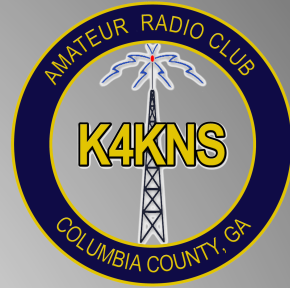
Are you looking to take an Amateur Radio Exam within the Central Savannah River Area? Centered in Columbia County/Richmond County, Georgia, the CSRA Ham Exams Team is excited to help you get started in the Amateur Radio Hobby or to help you advance to the next level License Class. Either way we look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



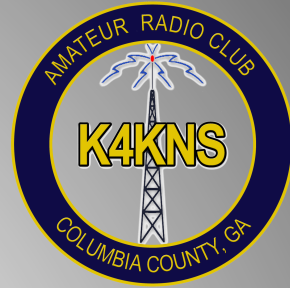
COMMITTEE UPDATES

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



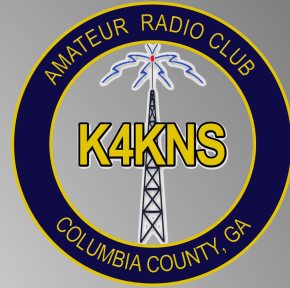
COMMITTEE UPDATES

- Bylaws Committee
 - Jim Cunningham (KV4YA) – Co-Director
 - Bill Clark (WK4F) – Co-Director



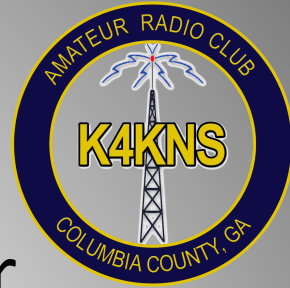
Bylaws Committee Update

- While preparing for the upcoming Board of Director elections, the Bylaws Committee identified two minor changes that are recommended for approval to ensure our upcoming election of new Board of Directors officers is consistent with the requirements of the bylaws.
- Section 2.07 of the Bylaws currently states:
 - “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 email 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.”



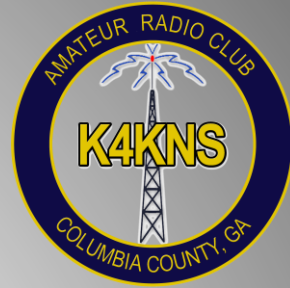
Bylaws Committee Update

- The proposed changes to Section 2.07 are as follows:
 - “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 email 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 **consecutive** years. ~~The nominating committee will be the Board, unless a nominating committee is established by the Board of Directors~~ **The nomination process will be determined by the Bylaws Committee Director / Co-Directors.**”



- This serves as the first reading of the proposed bylaws change. We invite your comments and feedback. A second reading and vote to accept the bylaws changes proposed will be held at the October meeting.

Board of Directors (BOD) Nominations & Elections



- Members were notified at the August meeting of upcoming BOD elections and were encouraged to self nominate or nominate another club member to serve.
- A notification from Groups.io was sent on August 26, 2024 with detailed instructions on how to nominate an individual for a BOD position.
- Nominations will also be accepted from the floor momentarily.



BOD Nominations & Elections (cont.)

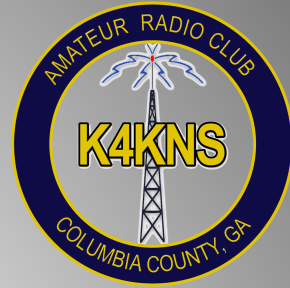
- The Bylaws Committee Co-Directors have received the following nominations:
 - President Rusty Welsh / KG4HIR
 - Vice President Dan Marshall / N4MI
 - Treasurer Bill Clark / WK4F
 - Secretary Shannon Welsh / KK4MED
 - Member at Large Steven Kitchings / KN4RVU

- Anyone wishing to nominate an individual for any position noted above please come forward now. Please note the individual nominated must affirm verbally or in writing that they are willing to serve if elected.



Board of Directors Elections

- As noted in the Groups.io notification, all club members in good standing will receive a ballot with all nominees for the five BOD positions via HamClubOnline on or about Monday, September 9th, 2024 with ballots due by midnight on September 15, 2024.
- Ballots received after the deadline will not be counted.
- Election results will be shared at the October club meeting.
- In the event of one or more ties, a runoff election will be held following the October meeting and the final results will be presented at the November meeting.



COMMITTEE UPDATES

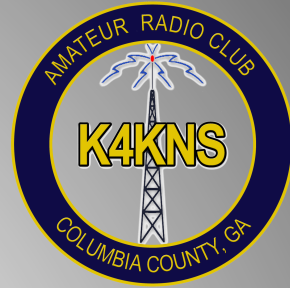
- Repeater Committee
 - Randall Blumberg (KN4FYG) – Co-Director
 - Walter Brumbeloe (W4EFS) – Co-Director

GEORGIA DSTAR MOVING TO REF003A

DSTAR CHANGES ARE COMING IN GEORGIA!

To ensure sufficient capacity for hotspot and repeater connections to a Georgia Statewide DSTAR Reflector, we are planning to move from REF030B to REF003A. Since REF030C is the busiest reflector in the world, it can create some capacity limitations for Georgia stations connecting to REF030B, especially for hotspots.

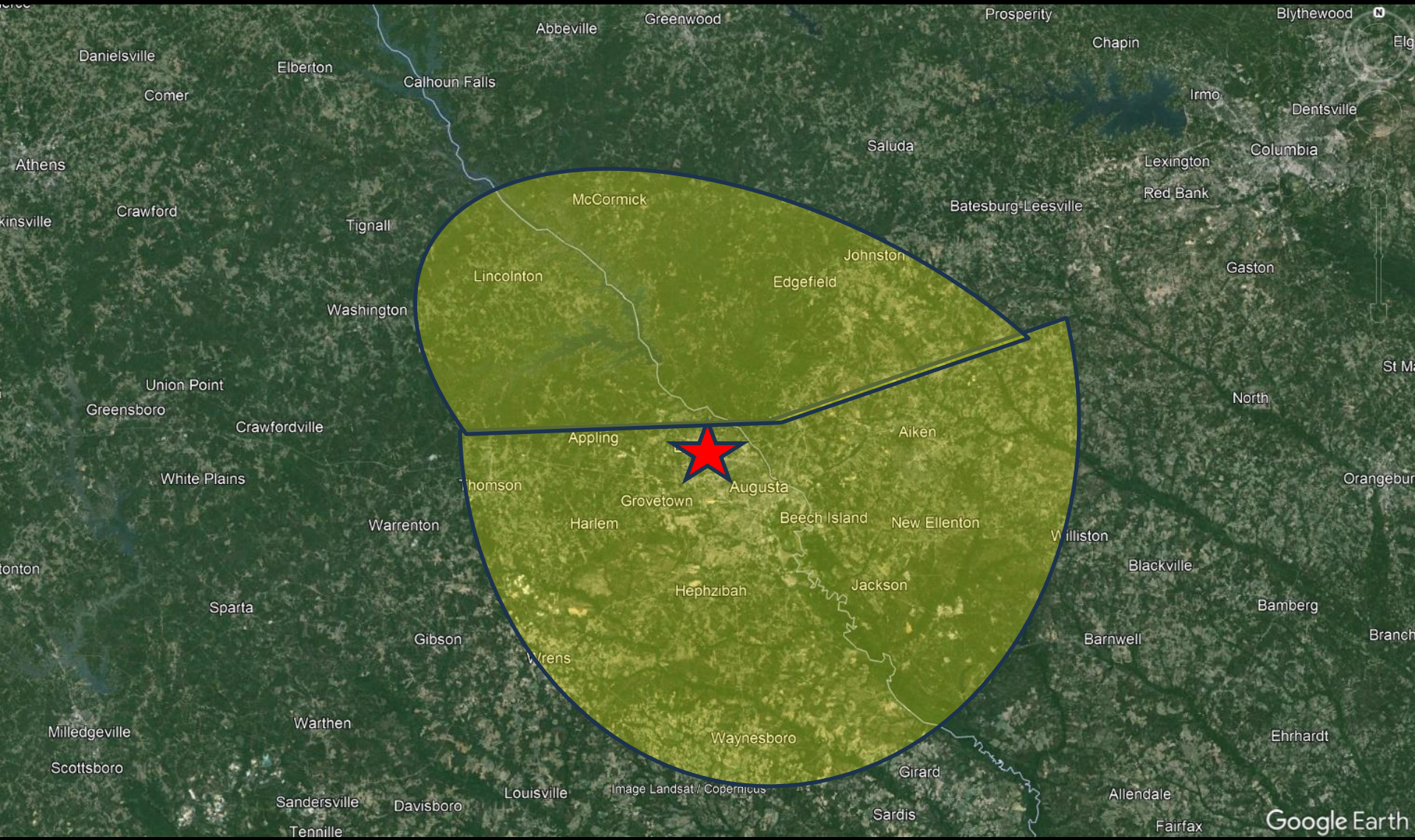
Reflector 003 (REF003) has been created for dedicated Georgia use on all reflector modules (A, B, C, D, E). Beginning Thursday, September 5th after 12:00 noon, repeaters and hotspots should connect to REF003A for the Georgia Statewide DSTAR Reflector. *Do not initiate any changes before 12Noon on Thursday.* This change window was created to minimize any disruption to any scheduled nets. All nets and regular activities should begin using REF003A beginning Monday, September 8.



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)

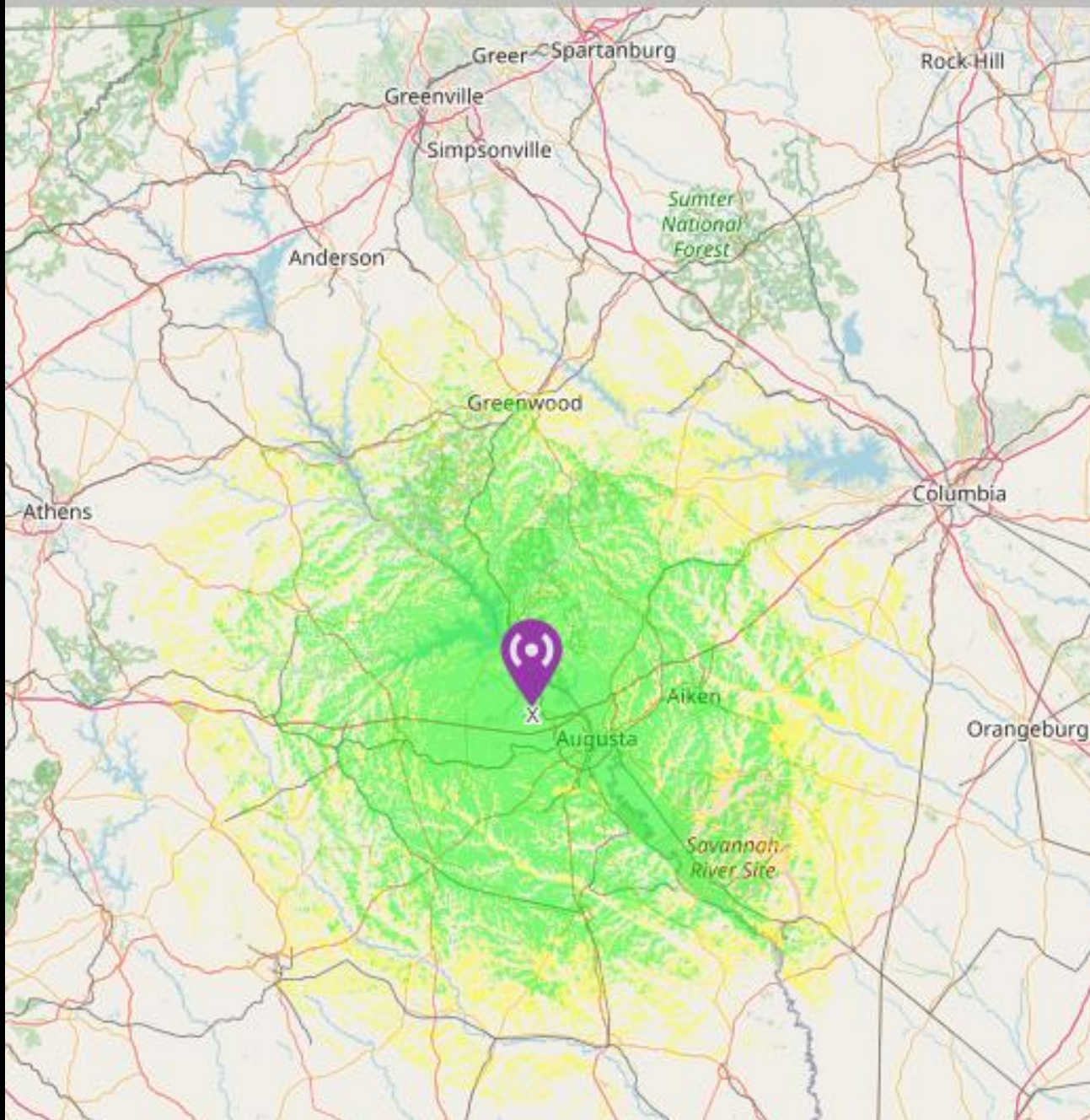


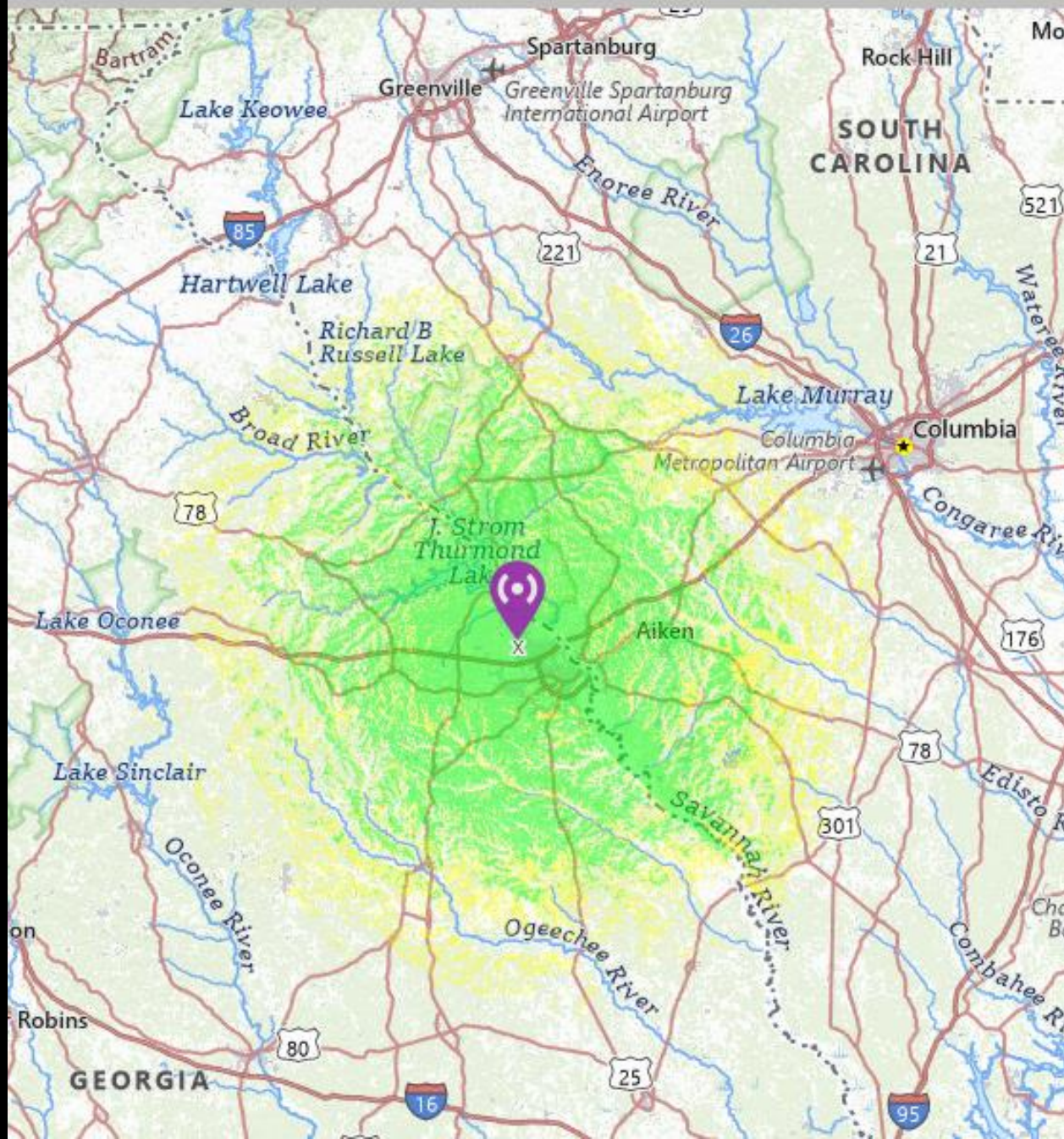


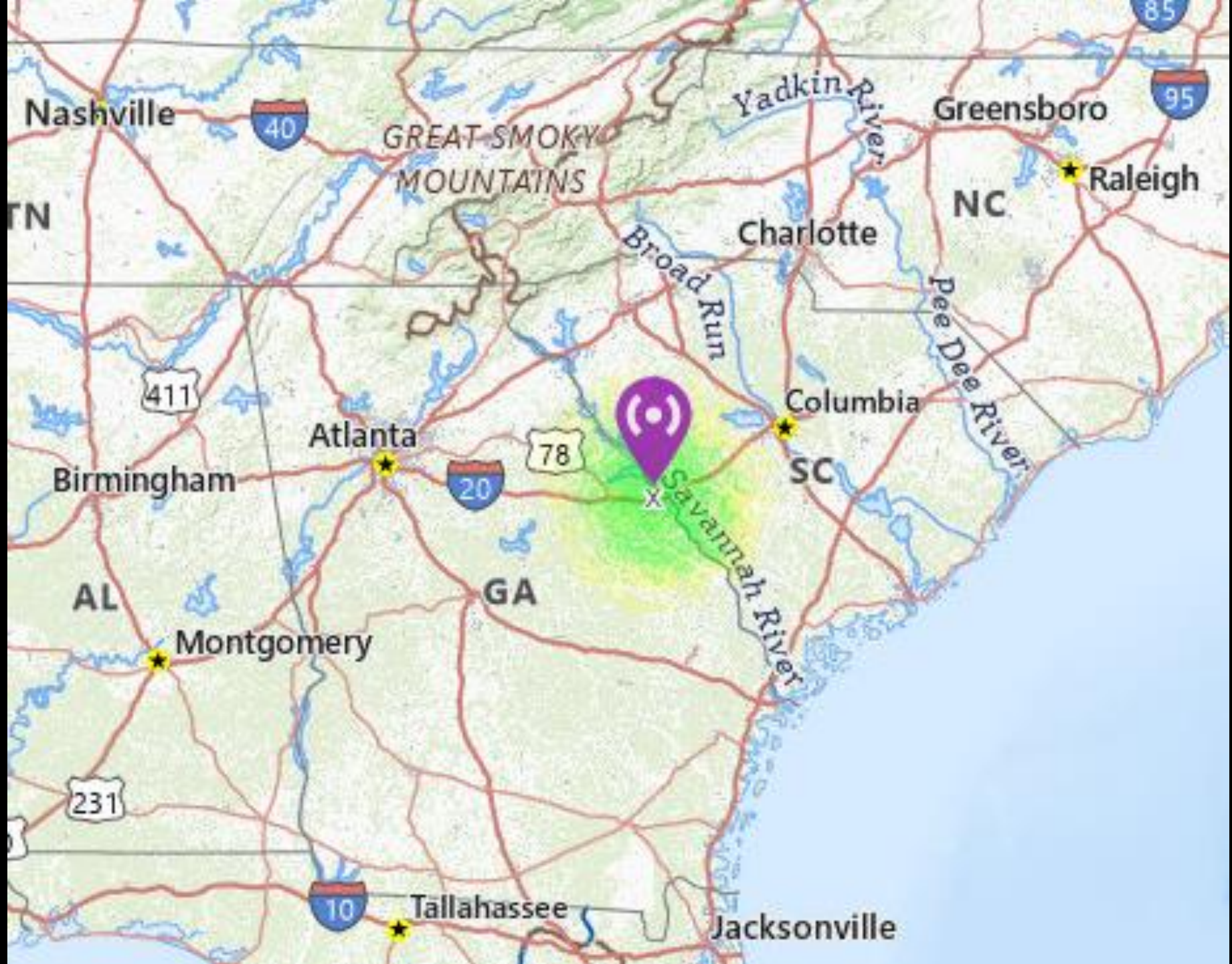
New Coverage

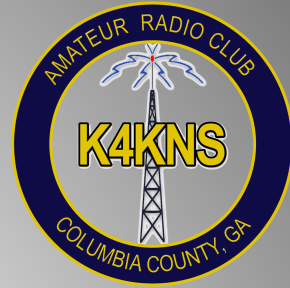
Centre Site	N Belair Road	
Antenna Height (m above ground)	42	137.80 ft
Antenna Type	Omni	
Antenna Azimuth (°)	0	
Antenna Tilt (°)	0	
Antenna Gain (dBi)	8.6	
<hr/>		
Mobile Antenna Height (m)	2	6.56 ft
Mobile Antenna Gain (dBi)	2	
<hr/>		
Description	444.9000 DMR	
Frequency (MHz)	445	
Tx power (Watts)	70	48.45 dBm
Tx line loss (dB)	0.8	
Rx line loss (dB)	0.8	
Rx threshold (µV)	0.5	-113.02 dBm
Required reliability (%)	80	
<hr/>		
Strong Signal Margin (dB)	10	
Strong Signal Color		
Weak Signal Color		
Opacity (%)	50	
Maximum range (km)	100	62.1371 mi
Rendering	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

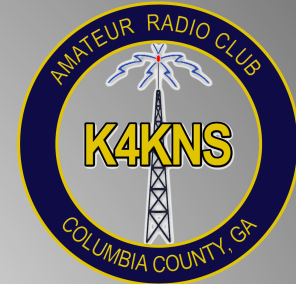
- Field Day Committee
 - Edwin Davis (KQ4SRF) – 2025 Co-Director
 - Sam Reeder (WW4ZT) – 2025 Co-Director
 - To Join the Field Day Committee
 - You must join via Groups.io
 - <https://arcccinc.groups.io/g/fieldday/topics>



Edwin (KQ4SRF)



Sam (WW4ZT)



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

September 17, 2024 7:00 PM - 8:00 PM
POB-1 (formerly H2U) Building

W4DV.club

North Augusta - Belvedere Radio Club

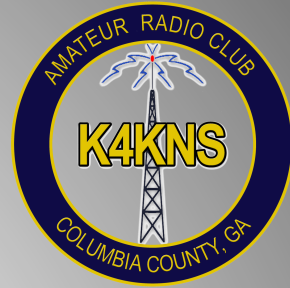


NABRC General Meeting

September 9, 2024 7:00 PM - 8:00 PM
Department of Public Safety Station #2
501 W Five Notch Road
North Augusta, SC 29860

K4NAB.org

East Central/Columbia County ARES

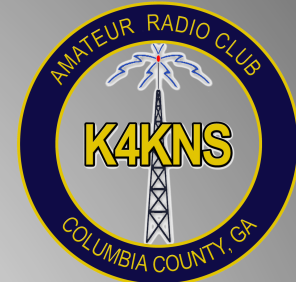


Susan Messick, WA0B

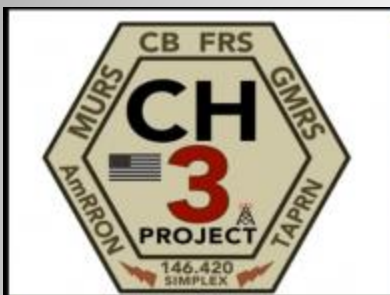
East Central District Emergency Coordinator
Columbia County GA ARES Emergency Coordinator

David Corsiglia, WA6TWF

Columbia County GA ARES Assistant Emergency Coordinator



AmRRON

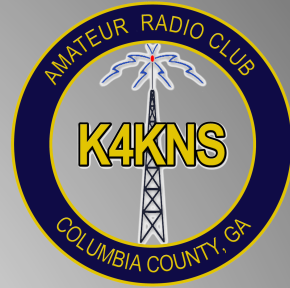


AmRRON



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!!!