AMATEUR RADIO CLUB OF COLUMBIA COUNTY, INC.



THE ARCCC, INC. WELCOMES YOU!

The meeting will begin at 7 PM

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GENERAL MEETING
MEETING #151
Tuesday, March 4, 2025
7 PM



INVOCATION

MEETING AGENDA



- Welcome & Introductions
- Presentation: Proper Use and Battery Care Sam Reeder (WW4ZT)
- 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

KAKINS

COLUMBIA COUNTY, ST

Now at

https://arcccinc.groups.io/g/swapsellortrade/topics





Welcome and Introductions



- Please Sign In on the Attendance Log
 - Please <u>PRINT</u> Legibly

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

Presentation



Proper Battery Use and Care

Sam Reeder (WW4ZT)

Best Practices for AGM Battery Maintenance

Sam Reeder, WW4ZT



AGM & Battery Basics



- AGM batteries are low-maintenance due to their design, requiring no watering, and can be used in various positions. They perform well in cold conditions and resist vibrations.
- Starter batteries provide short bursts of power for engine starts, backup power when alternators fall short, and absorb potential overcharge. They are not meant for continuous discharge.
- Deep-cycle batteries supply long-term power for electric vehicles, electronics, or homes.
- Hybrid AGM Starting duty batteries are mainly used in marine and sport utility applications.
- Avoid mixing battery sizes, capacities, or ages to prevent accelerated wear and reduced reliability. Charge AGM batteries regularly to prevent sulfation and extend their life.

AGM Battery Best Practices



- Protect batteries from heat and cold.
 - Store batteries for renewable energy systems in insulated, ventilated boxes ideally where temps are mild.
- Use only AGM battery compatible chargers.
 - AGM batteries have less internal resistance and recharge faster than regular lead-acid models which could lead to excessive voltage and overheating.
 - Overheating can cause the battery safety valve to pop which most of which will not reset.

AGM Battery Best Practices (cont.)



- Don't discharge batteries to deeply!
 - A lead acid battery's percent charge is directly related to its voltage, where a higher voltage indicates a higher percentage of charge; for example, a fully charged 12-volt lead acid battery typically reads around 12.6 volts (100% charge), while a significantly lower voltage like 12.2 volts would represent a lower charge percentage (around 50%).
 - Lead acid battery voltage and charge percentage equivalents:

• 100% charge: Around 12.6 - 12.7 volts

75% charge: Around 12.4 volts

• 50% charge: Around 12.2 volts

• 25% charge: Around 12.0 volts

Key Factors to Consider



- Different types of lead acid batteries (flooded, AGM, gel) may have slightly different voltage readings at the same charge level.
- Voltage readings are to be made while the battery is not under charge.
- Voltage reading to determine state of charge as follows: 1)
 disconnect battery from charger and load. 2) after 5 minutes make
 and record reading. 3) repeat the reading cycle until battery voltage
 readings repeat.
 - This is not a load test. Only a load test can tell you how long your battery will last, and that is only a scientific wild-ass guess (SWAG)
- The voltage can fluctuate wildly depending on the current draw from the battery.









Proper Battery Use and Care

THANK YOU!!!
Sam Reeder (WW4ZT)

UPCOMING EVENTS (1)



•	01-07-2025	ARCCC, Inc. General Meeting
•	01-09-2025	ARCCC, Inc. BOD Meeting
•	01-11-2025	Greenwood Hamfest
•	01-11-2025	CSRAHamExams Exam Session (Last one till March)
•	01-25/26-2025	Winter Field Day
•	02-04-2025	ARCCC, Inc. General Meeting
•	02-07/09-2025	Orlando Hamcation
•	02-15-2025	ARCA Swapmeet
•	02-22-2025	Dalton, GA Hamfest
	03-04-2025	ARCCC, Inc. General Meeting (Battery Care)
•	03-07/08-2025	Charlotte, SC Hamfest
•	03-08-2025	CSRAHamExams Exam Session
•	03-15-2025	Sevier County, TN Hamfest

UPCOMING EVENTS (2)

ARRL Field Day

06-28/29-2025



•	04-01-2025	ARCCC, Inc. General Meeting (Geochron)
•	04-05-2025	Ridge Amateur Radio Club Tailgate Batesburg-Leesville
•	04-05-2025	Raleigh, NC Hamfest
•	04-12-2025	CSRAHamExams Exam Session
•	04-19-2025	W4RTO Ham Tailgate (American Legion 26)
•	05-03-2025	Columbia County Public Safety and Preparedness Fair
•	05-06-2025	ARCCC, Inc. General Meeting (RTSystems)
•	05-10-2025	CSRAHamExams Exam Session
•	05-16/18-2025	Hamvention
•	06-03-2025	ARCCC, Inc. General Meeting (Rocket Machine Worx)
•	06-07-2025	Atlanta Hamfest
•	06-14-2025	CSRAHamExams Exam Session

UPCOMING EVENTS (3)



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07-12-2025

• 08-05-2025

• 08-09-2025

• 08-16/17-2025

• 08-29/31-2025

• 09-02-2025

• 09-13-2025

ARCCC, Inc. General Meeting

CSRAHamExams Exam Session

ARCCC, Inc. General Meeting

CSRAHamExams Exam Session

Huntsville, AL Hamfest

Shelby, NC Hamfest

ARCCC, Inc. General Meeting

CSRAHamExams Exam Session

UPCOMING EVENTS (4)



10-07-2025 ARCCC, Inc. General Meeting

10-11-2025 CSRAHamExams Exam Session

10-17/19-2025 Jamboree-on-the-Air (JOTA)

11-01/02-2025 Stone Mountain Hamfest

11-04-2025 ARCCC, Inc. General Meeting

11-08-2025 CSRAHamExams Exam Session

ARCCC, Inc. Annual Awards and Holiday Party

CSRAHamExams Exam Session

12-02-2025

12-13-2025

ARCCC, Inc. Upcoming Presentations



- 04-01-2025 Geochron
- 05-06-2025 RTSystems
- 06-03-2025 Rocket Machine Worx
- Ropes and Knots
- Meshtastic

MEMBERSHIP APPLICATIONS



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

ARCCC, INC. MONTHLY REPORTS



Treasurer's Report

- Update from Treasurer
 - January 2025 Update
 - February 2025 Update

ARCCC Monthly Financial Summary					
January, 2025					
ARCCC Accounts	Amount				
South State Bank	\$2,171.96				
PayPal	\$1,454.68				
Petty Cash - Treasurer	\$185.00				
Balance as of 1/1/25	\$3,811.64				
Expenditures	\$11.99				
Membership Renewals	\$460.13				
Other Receipts	\$0.00				
Balance as of 1/31/25	\$4,259.78				
Less Commitments					
2025 Approved Budget	-\$3,247.00				
Actuals - Budget thru 1/31/25	\$0.01				
(\$12 planned, \$11.99 actual)					
TOTAL UNCOMMITTED FUNDING	\$1,012.79				

ARCCC, INC. MONTHLY REPORTS



Treasurer's Report

- Update from Treasurer
 - January 2025 Update
 - February 2025 Update

Secretary's Report for February 4th, 2025 meeting:

<u>02-04-2025 Meeting Minutes</u>

ARCCC Monthly Financial Summary					
February 2025					
ARCCC Accounts	Amount				
South State Bank	\$2,159.97				
PayPal	\$1,938.82				
Petty Cash - Treasurer	\$185.00				
Balance as of 2/1/25	\$4,283.79				
Expenditures	\$237.99				
Membership Renewals	\$241.58				
Other Receipts	\$0.00				
Balance as of 2/28/25	\$4,287.38				
Less Commitments					
2025 Approved Budget	-\$3,247.00				
Actuals - Budget thru 2/28/25	\$260.02				
(\$510 planned, \$249.98 actual)					
TOTAL AVAILABLE FUNDING	\$1,300.40				

KROGER COMMUNITY REWARDS



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

\$24.28 Received!!!









Amateur Radio Club of Columbia County, Ga Name Badge



ARC of Columbia County, Ga Badge price \$13.50

\$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
- 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
 100

 Expiring Soon Members
 3

 Inactive Members
 46

 Non-Members Affiliates
 Ω

Rank Statistics: (Active Members)

Member 96 Trustee 2 Officer 5 Total 103

Member Types Statistics: (Active Memberships)

 Family Membership
 9

 Family Membership (Free)
 6

 Full Membership
 71

 Full Membership (Active Military)
 1

 Honorary Membership
 1

 Life Membership
 15

 Total
 103

Members Expiring Soon:

 Name
 Callsign
 Exprice Date

 DAVID R CORSIGLIA
 WA6TWF
 205-02-24

 Tami Wilson
 KE5QLY
 205-02-24

 SHAWN D KING
 KI4JDO
 205-02-24

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

Members with Expired Licenses:

Name Callsign Lic Exp Date
LINDA PANTOPOLSKY N4LDH 2024-12-22

New Members: (Last 90 Days)

 Name
 Callsig
 Join Date

 Steve M Burinsky
 K3SME
 205-01-08

 Hans Var Loenen
 K24MT*
 205-01-08

 CANNON B TAWK
 K10FM
 205-02-05

 Rodney B Crawford
 KQ4YMT*
 205-02-05

 LISA M WELSH
 K16HHY
 205-02-05

Inactivated Members: (Last 90 Days)

Name	Callsign	Remove Date	By
DEVON Z HARRIS	KM4PHT	2025-02-26	(HCOL SYSTEM)
MICHAEL C MURPHEY	KI4WWG	2025-01-09	(HCOL SYSTEM)
James R Embry		2025-01-18	Russell B Welsh KG4HIR
Thomas W Hardin Jr	KO4FFA	2025-01-09	(HCOL SYSTEM)
BRANDON M RAMIREZ	KQ4NTK	2025-02-13	(HCOL SYSTEM)

New Memberships: (Last 90 Days)



Name	Callsign	Membership Type	Amount	Start Date	End Date	Poster	Post Date
Steve M Burinsky	K3SMB	Full Membership	\$25.00	2024-12-04	2025-12-04	Steve M Burinsky	2024-12-04
Hans Van Loenen	KQ4MTX	Full Membership	\$25.00	2024-12-31	2025-12-31	Hans Van Loenen	2024-12-31
Stephen C Martin	KO4CVU	Full Membership	\$25.00	2025-01-27	2026-01-26	Stephen C Martin	2025-01-01
William W Byrne	KO4TLS	Full Membership	\$25.00	2025-01-01	2025-12-31	William W Byrne	2025-01-02
Randall L Blumberg	KN4FYG	Full Membership	\$25.00	2025-02-25	2026-02-24	Randall L Blumberg	2025-01-08
Richard M McKnight	NO3K	Full Membership	\$25.00	2025-01-08	2026-01-08	Richard M McKnight	2025-01-08
David D Slabodnick	KO4LDS	Full Membership	\$25.00	2025-01-25	2026-01-24	David D Slabodnick	2025-01-10
THOMAS J JACKSON	KM4LLO	Full Membership	\$200.00	2025-09-19	2033-09-16	THOMAS J JACKSON	2025-01-17
Steven L Clayborn	KJ4FSX	Full Membership	\$50.00	2025-01-15	2027-01-14	Russell B Welsh	2025-01-18
Samantha M Lytch	KM4NSF	Full Membership	\$50.00	2025-01-18	2027-01-17	Russell B Welsh	2025-01-18
Allen D Marshall Jr	N4MI	Full Membership	\$25.00	2025-03-21	2026-03-20	Allen D Marshall Jr	2025-01-19
Joseph D Dodgens	KO4UWM	Full Membership	\$25.00	2025-02-06	2026-02-05	Joseph D Dodgens	2025-01-22
Robert W McManus	KN4KQJ	Full Membership	\$25.00	2025-03-25	2026-03-24	Robert W McManus	2025-01-23
Rodney B Crawford	KQ4YMT	Full Membership	\$25.00	2025-01-25	2026-01-25	Rodney B Crawford	2025-01-25
Gary L Burdette	K4ISG	Full Membership	\$50.00	2025-02-06	2027-02-05	Gary L Burdette	2025-01-31
RICHARD W BELL JR	WD4KQG	Full Membership	\$25.00	2025-04-04	2026-04-03	RICHARD W BELL JR	2025-02-02
Mary K Morris	KQ4JKG	Full Membership	\$25.00	2025-03-07	2026-03-06	Mary K Morris	2025-02-05
CANNON B TAYLOR	N4CBT	Full Membership	\$25.00	2025-02-05	2026-02-05	CANNON B TAYLOR	2025-02-05
Shannon M Welsh	KK4MED	Full Membership	\$25.00	2025-02-22	2026-02-21	Shannon M Welsh	2025-02-21
WILLIAM D CLARK JR	WK4F	Full Membership	\$100.00	2025-02-24	2029-02-22	WILLIAM D CLARK JR	2025-02-23
Steven D Kitchings II	KN4RVU	Full Membership	\$25.00	2025-02-24	2026-02-23	Steven D Kitchings II	2025-02-23
JOHN M CRAWFORD	W4QK	Full Membership	\$25.00	2025-02-25	2026-02-24	JOHN M CRAWFORD	2025-02-26
1.				<u>C</u>	lub Menu		
2.				N	Iain Menu		
3.					Logoff		



ARCCC, INC. MEMBERS

COMMITTEES

BOD



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



2025-2026 APPOINTMENTS



- K4KNS Trustee
 - Randall Blumberg (KN4FYG)
- QSL Manager
 - Dan Marshall (N4MI)
- Net Manager
 - Bill Clark (WK4F)
- Presentations
 - Eric Cagle (KK4ZHT)



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

Fund Raising Ideas are Welcome!



- Bylaws/Nominations Committee
 - Jim Cunningham (KV4YA) Co-Director
 - Randall Blumberg (KN4FYG) Co-Director

 Recently approved Constitution and Bylaws have been posted on the website



- Finance Committee
 - Randall Blumberg (KN4FYG)
 - David Slabodnick (KO4LDS)



- Outreach Committee
 - Dan Marshall (N4MI)
 - Randall Blumberg (KN4FYG)

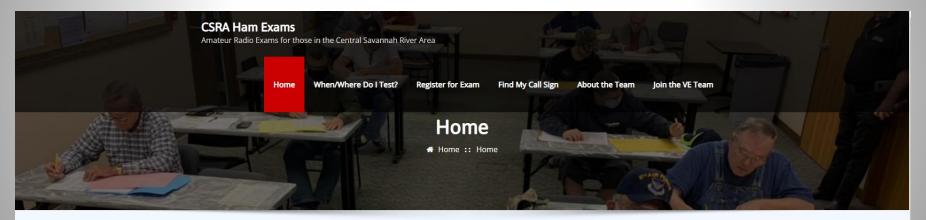
- May 3, 2025 from 9 AM until 1 PM
 - ARCCC, Inc. has been invited again to participate in the Columbia County Annual Public Safety and Preparedness Fair at Evans Towne Center Park



- IT Committee
 - Rusty Welsh (KG4HIR)
 - Randall Blumberg (KN4FYG)
 - Eric Cagle (KK4ZHT)



- 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.



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



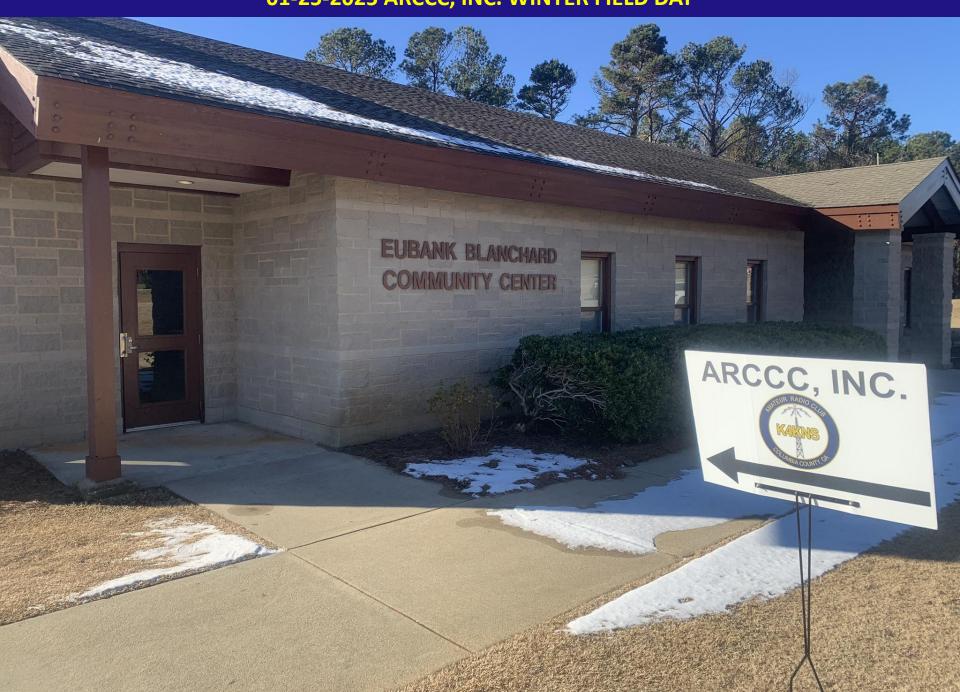
- Field Day Committee
 - Edwin Davis (KQ4SRF) 2025-2026 Co-Director
 - Sam Reeder (WW4ZT) 2024-2025 Co-Director
 - To Join the Field Day Committee
 - You must join via Groups.io
 - https://arcccinc.groups.io/g/fieldday/topics

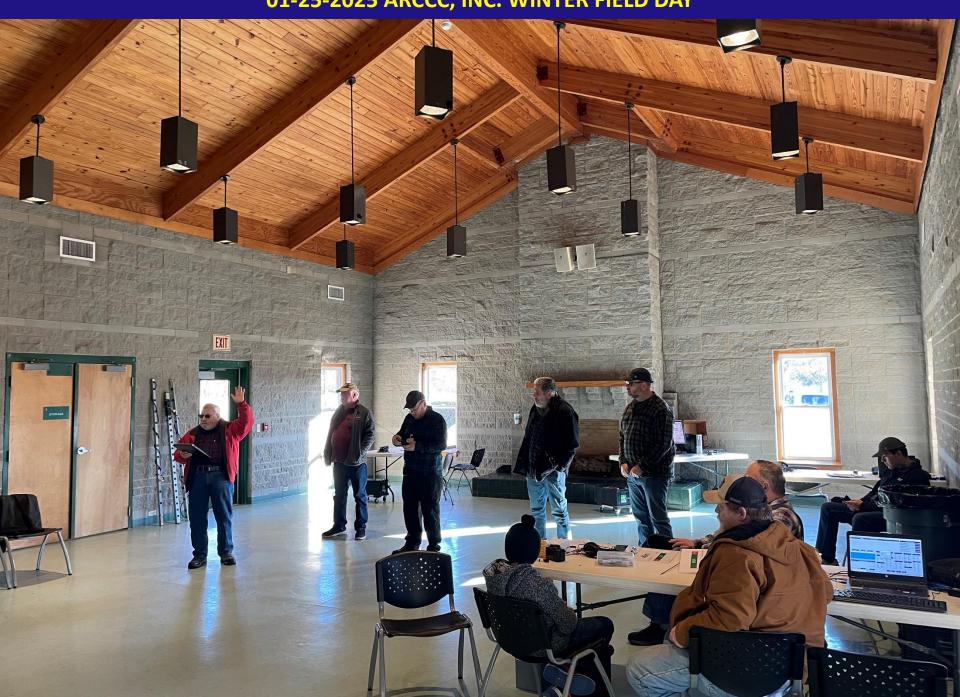


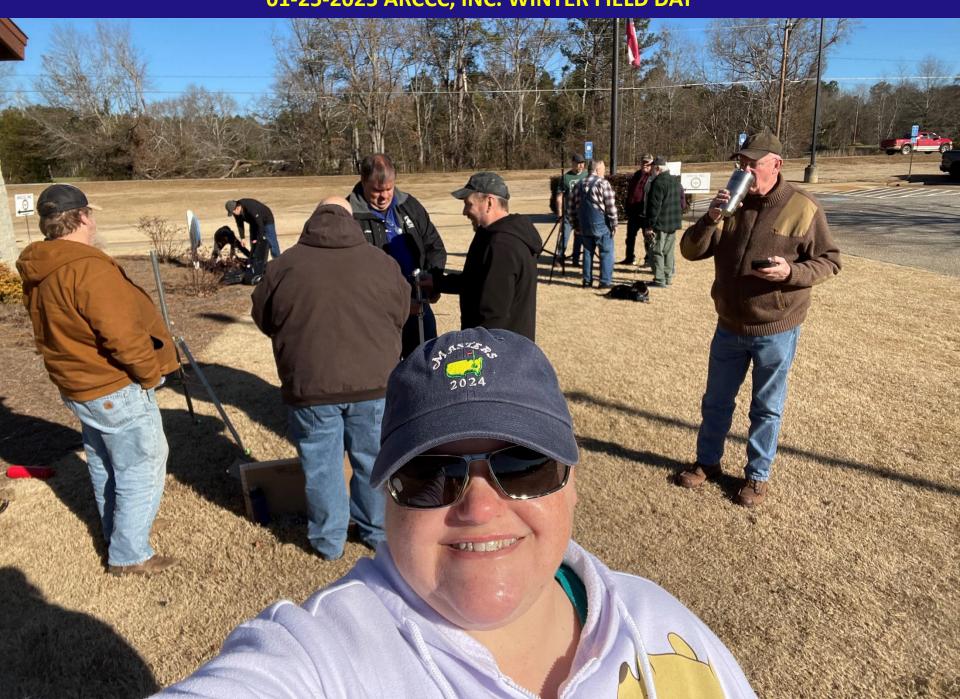
Edwin (KQ4SRF)



Sam (WW4ZT)

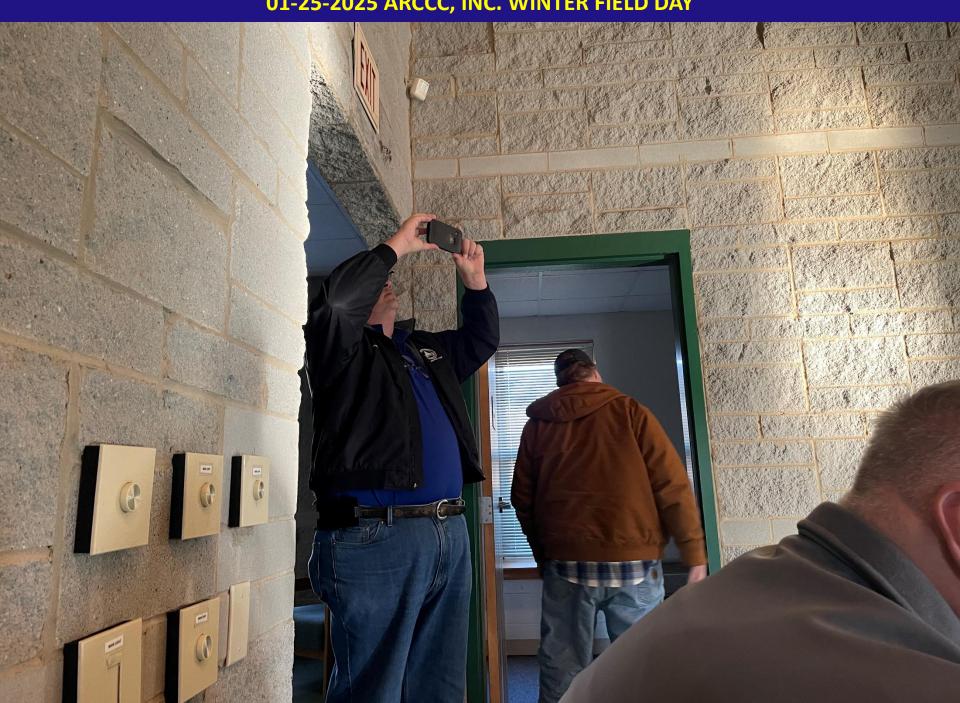




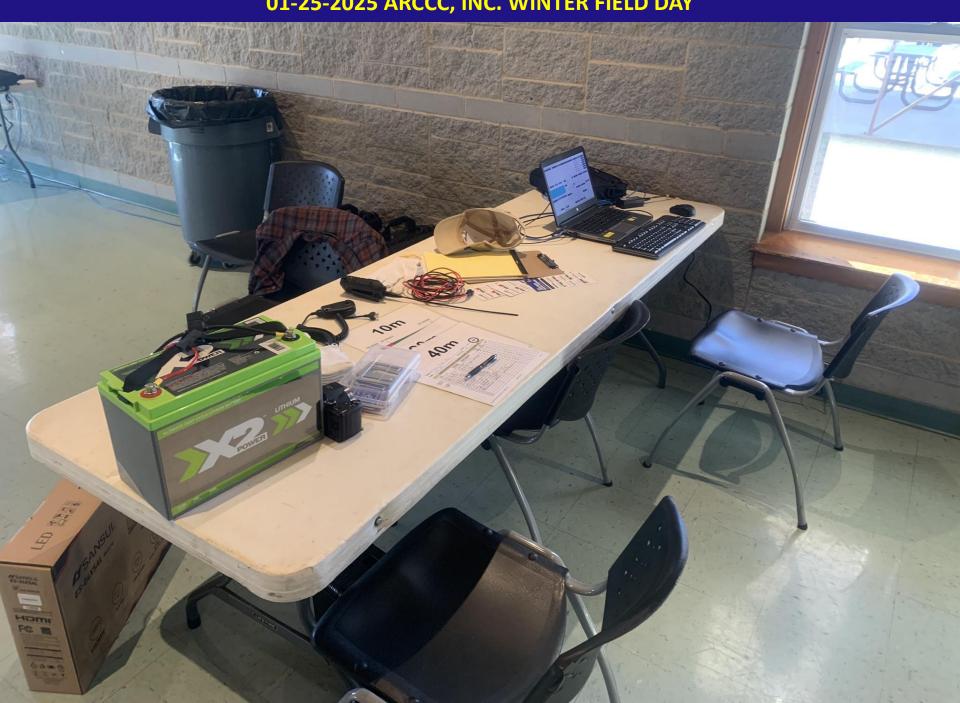




01-25-2025 ARCCC, INC. WINTER FIELD DAY



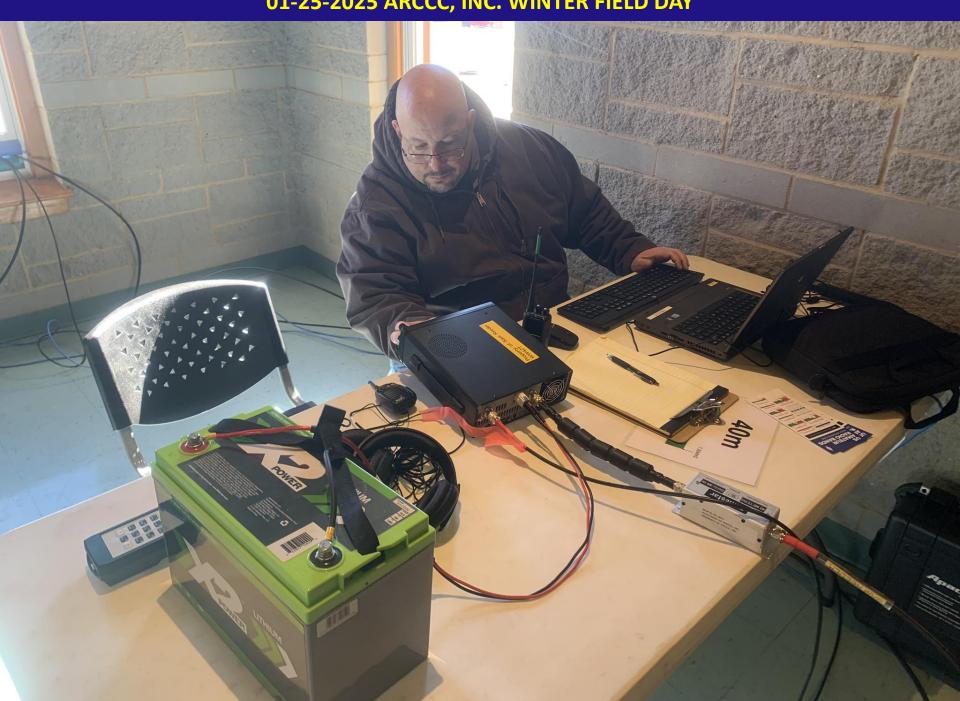












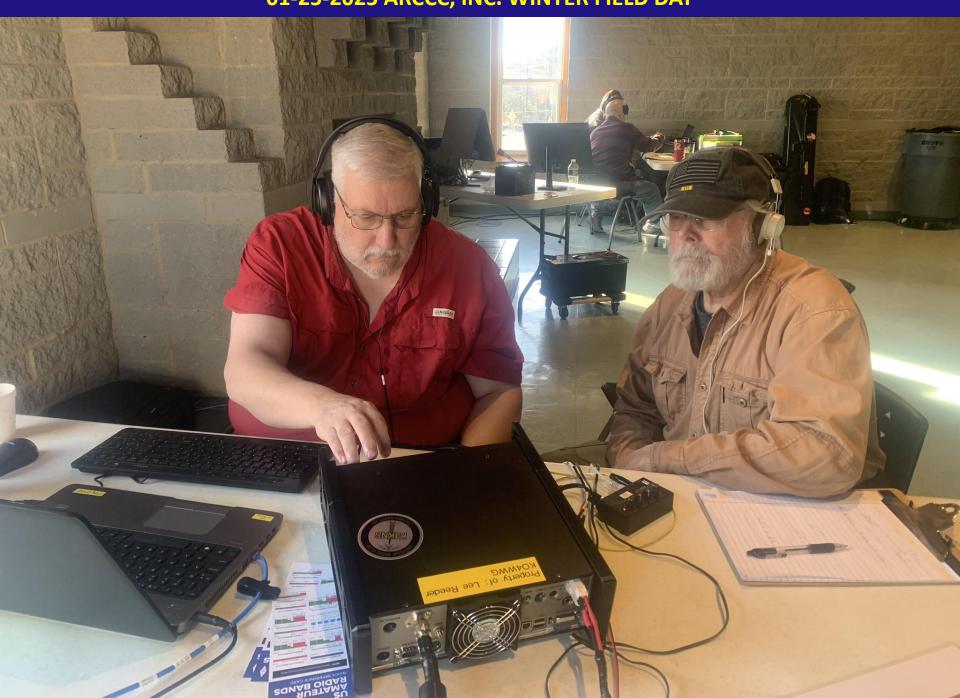


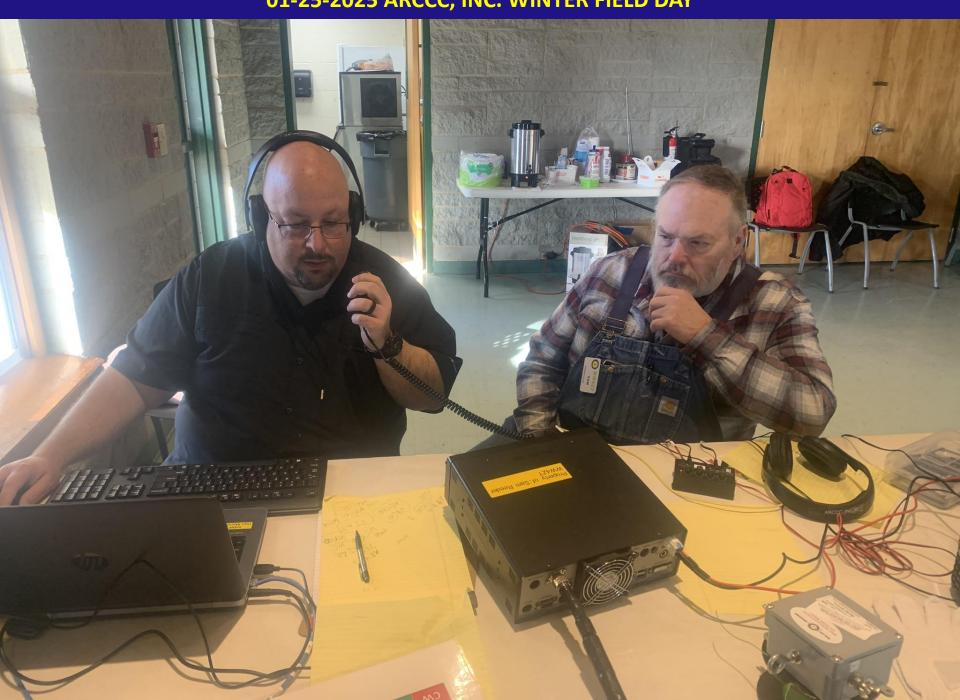














Total Contacts by Band and Mode:

Band	CW	Phone	Dig	Total	양
40	0	76	0	76	34
20	0	104	0	104	46
15	0	17	0	17	8
10	0	29	0	29	13
Total	0	226	0	226	100

Total	Contacts	by	Operator:
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Operator	Total	o ,
KN4FYG	47	21
KM4DBB	33	15
N4MI	32	14
K4KNS	23	10
KQ4AWB	18	8
KK4MED	17	8
WW4ZT	15	7
KQ4SRF	14	6
KC4KPN	9	4
KC2CIX	7	3
KR4QT	6	3
K4KPN	4	2
KO4WWG	1	0

Total = 13

DID YOU KNOW...



Your Logbook WAS Account (K4KNS)

WAS Award	New LoTW QSLs	LoTW QSLs in Process	WAS Credits Awarded	Total
Mixed	48	0	0	48
80M	29	0	0	29
40M	42	0	0	42
<u>20M</u>	42	0	0	42
<u>15M</u>	32	0	0	32
<u>10M</u>	19	0	0	19
CW	33	0	0	33
Phone	48	0	0	48
<u>Digital</u>	36	0	0	36
<u>FT8</u>	23	0	0	23
PSK31	24	0	0	24
80M Phone	27	0	0	27
80M CW	3	0	0	3
80M Digital	8	0	0	8
80M PSK31	4	0	0	4
40M Phone	38	0	0	38
40M CW	18	0	0	18
40M Digital	28	0	0	28
40M PSK31	21	0	0	21
20M Phone	40	0	0	40
20M CW	20	0	0	20
20M Digital	19	0	0	19
20M PSK31	9	0	0	9
15M Phone	27	0	0	27
15M CW	11	0	0	11
15M Digital	7	0	0	7
10M Phone	7	0	0	7
10M CW	9	0	0	9
10M Digital	12	0	0	12
Triple Play	117	0	0	117
5-Band	164	0	0	164

- The ARCCC, Inc. is only 2
 States Away from WORKING ALL STATES!
- ALASKA
- NEW MEXICO





ARCA General Meeting

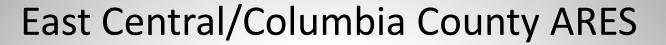
March 18, 2025 7:00 PM - 8:00 PM POB-1 (formerly H2U) Building

North Augusta - Belvedere Radio Club



NABRC General Meeting

March 10, 2025 7:00 PM - 8:00 PM North Augusta Public Safety Station 2 501 W Five Notch Road North Augusta, SC 29860







Susan Messick, WA0B

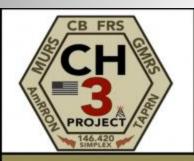
East Central District Emergency Coordinator
Columbia County GA ARES Emergency Coordinator

David Corsiglia, WA6TWF

Columbia County GA ARES Assistant Emergency Coordinator







AmRRON



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

REVIEW



Review motions and assignments

 We would welcome your presentations and ideas for presentations.

Is there a motion to adjourn the meeting?



THANK YOU!!!