

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 #131

Tuesday, November 7, 2023

7 PM



INVOCATION



MEETING AGENDA

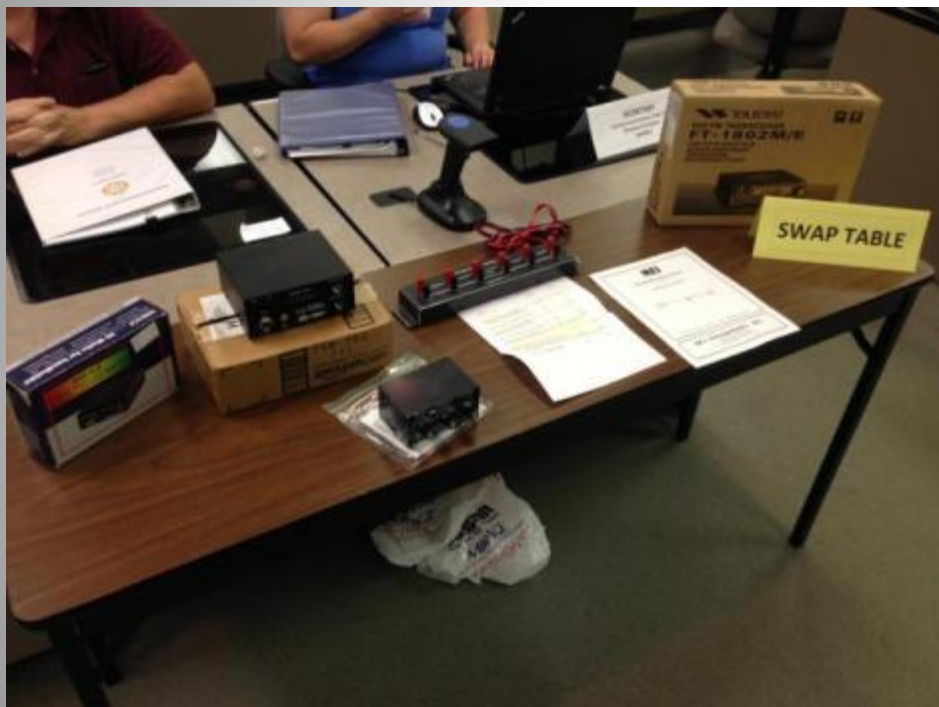
- Welcome & Introductions
- Presentation: Winlink – Dave Kjellquist (WB5NHL)
- Membership Applications
- Monthly Reports
- Upcoming Events
- Business Items
- Committee Updates
- Amateur Radio Club of Augusta
- North Augusta Belvedere Radio Club
- East Central/Columbia County ARES
- AmRRON
- Review Motions and Assignments
- Adjourn

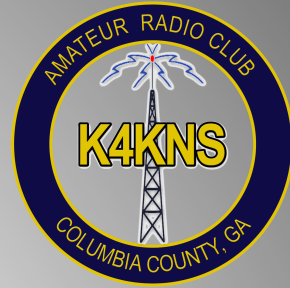


SWAP TABLE

Now at

<https://arcccinc.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

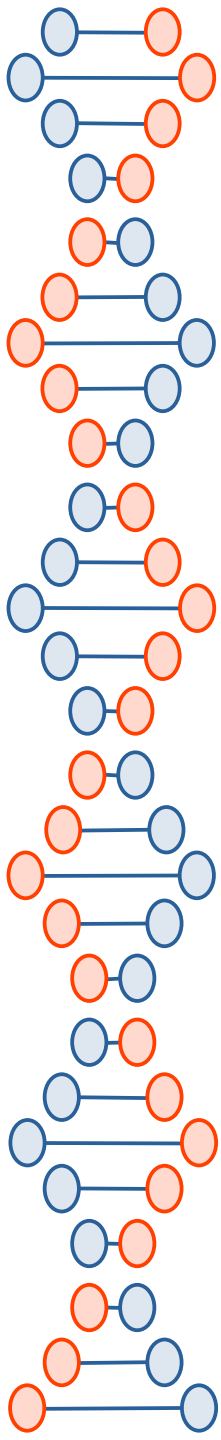


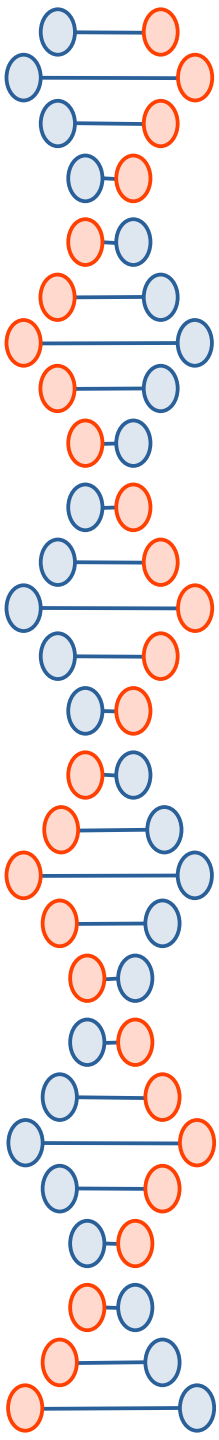
Presentation

WINLINK



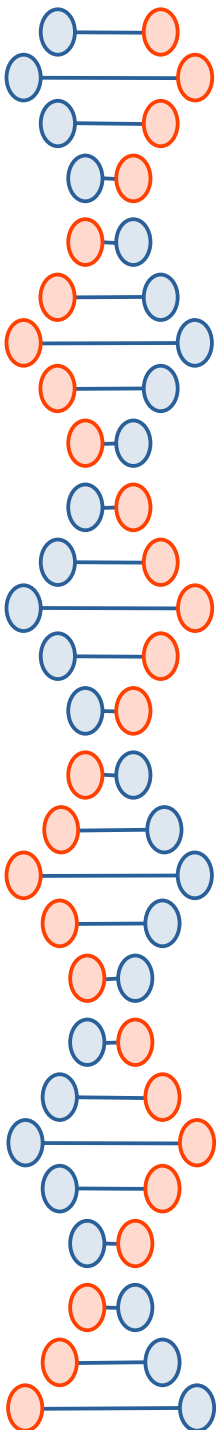
Dave Kjellquist (WB5NHL)





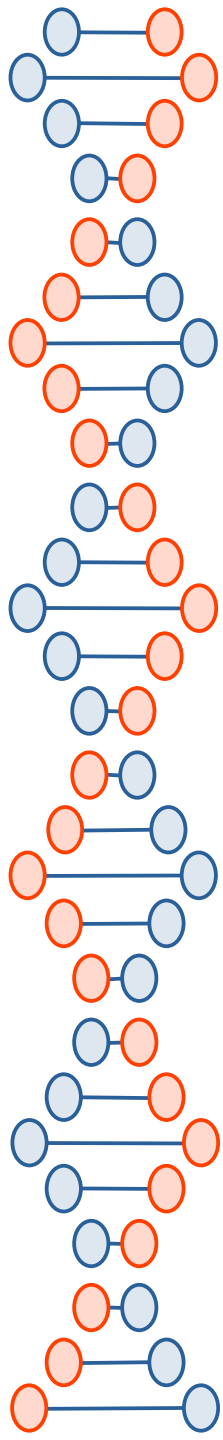
Agenda

- What is it?
 - Why use Winlink
- What you need
- How it works
- Operational modes
- Before disaster strikes
- Demo time



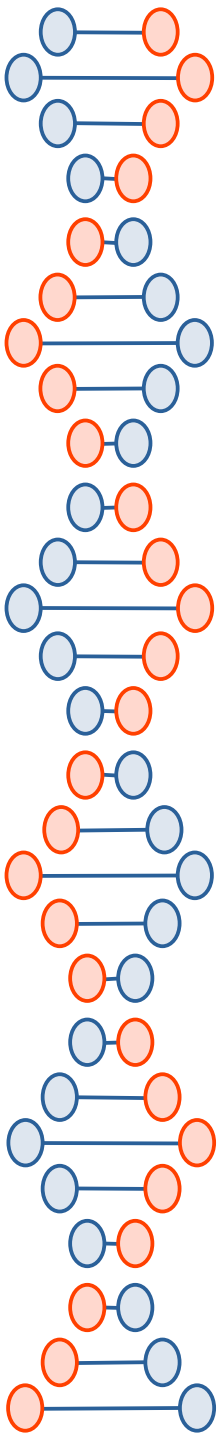
What is it

- A worldwide radio messaging system that uses amateur-band radio frequencies and government frequencies (SHARES) to provide radio interconnection services that include email with attachments, large number of standard forms, position reporting, weather bulletins, emergency and relief communications, and message relay. The system is built and administered by volunteers and is financially supported by the Amateur Radio Safety Foundation.
- RMS Express is preferred client
 - Runs on Windows and on Linux & Apple MAC with VM engine



Why Use Winlink

- Widely used EmCoMM standard
 - Increased speed and accuracy
- Many served agencies use it
- Common in ARES
- Nation-wide connectivity outside disaster area
- Hundreds of standard forms including ICS
 - Create your own custom forms



A Form Example

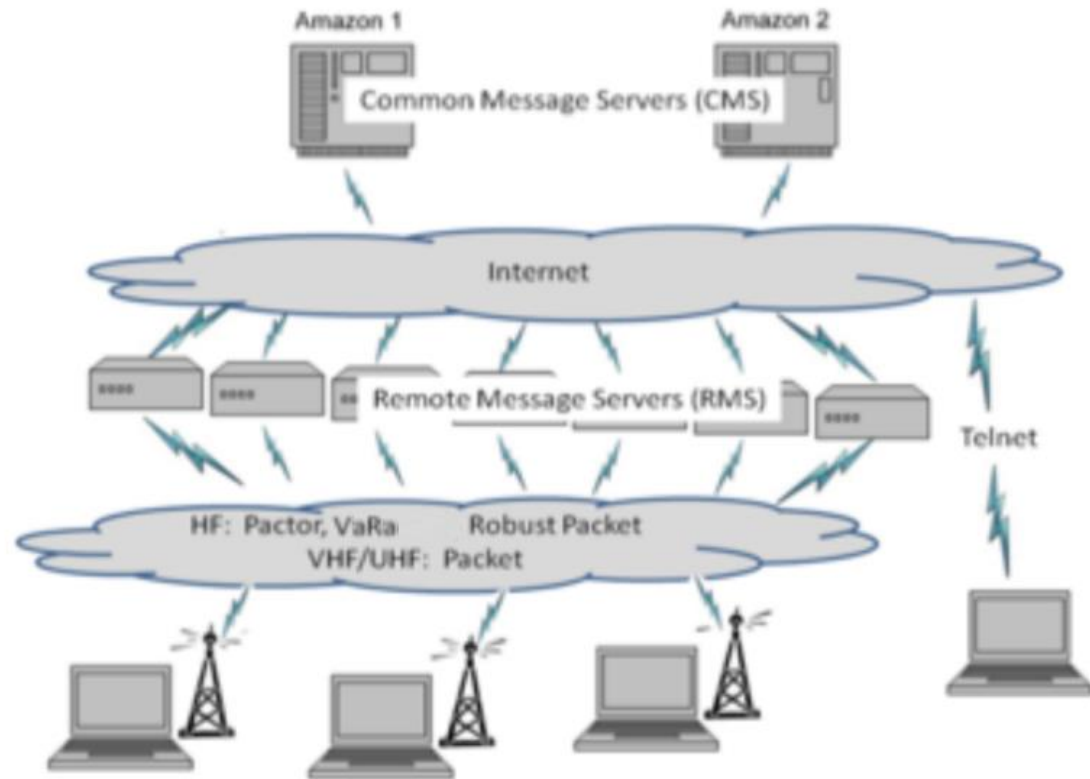
How long would it take you to transmit all this hospital bed status ACCURATELY by voice?

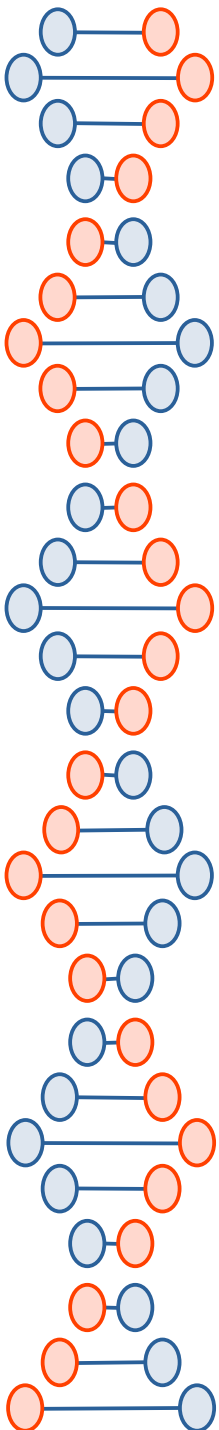
Winlink can do it in seconds!!!

Type	Available	Notes
Emergency Beds	<input type="text"/>	<input type="text"/>
Pediatrics	<input type="text"/>	<input type="text"/>
Medical / Surgery	<input type="text"/>	<input type="text"/>
Psychiatry	<input type="text"/>	<input type="text"/>
Burn	<input type="text"/>	<input type="text"/>
Critical Care	<input type="text"/>	<input type="text"/>
<input type="text" value="Other Type"/>	<input type="text"/>	<input type="text"/>
<input type="text" value="Other Type"/>	<input type="text"/>	<input type="text"/>
TOTAL:	<input type="text"/>	

How it works

- CMS
- RMS (gateway)
- Client (you)





What you need

- Cost to get started \$0 – really!!
- Download RMS Express, register and install
 - Amateur radio license required
 - <https://winlink.org/WinlinkExpress>
 - Free, donation preferred to stop startup nag message
 - Internet access (Telnet)

OR to use a radio

- Terminal Node Controller (TNC) Provides digital → sound interface to radio
 - Built-in some radios (TM-710D, etc)
 - Add-on module some radios (Alinco DR-635)
 - Tigertronics Signalink USB (\$140 + cable to radio)
 - MFJ-1270X (\$180)
 - Mobilinkd TNC4 (\$150 + cable to radio) Bluetooth



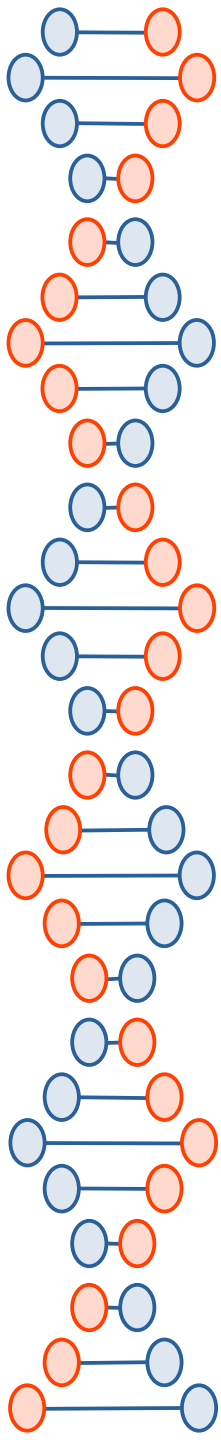
Operational Modes

- Telnet – need operational Internet connection
- VHF/UHF Packet – needs to be in range of VHF packet gateway
 - Aiken - 7th floor ARMC, KP2L-10, 145.010 MHz, simplex
 - Need more in CSRA, very simple to build
- Pactor HF – expensive \$2000 modem
 - Pactor 4 in Aiken Comm trailer (Only Pactor3 / 4 on SHARES HF)
- VARA HF Packet – alternative to Pactor, interfaces to radio like fldigi
 - VARA software (free ~180bps, \$70 ~<8490bps??)
 - Free VarAC software creates HF chat-like client
 - <https://www.varac-hamradio.com>
 - HF Gateways across USA and Worldwide



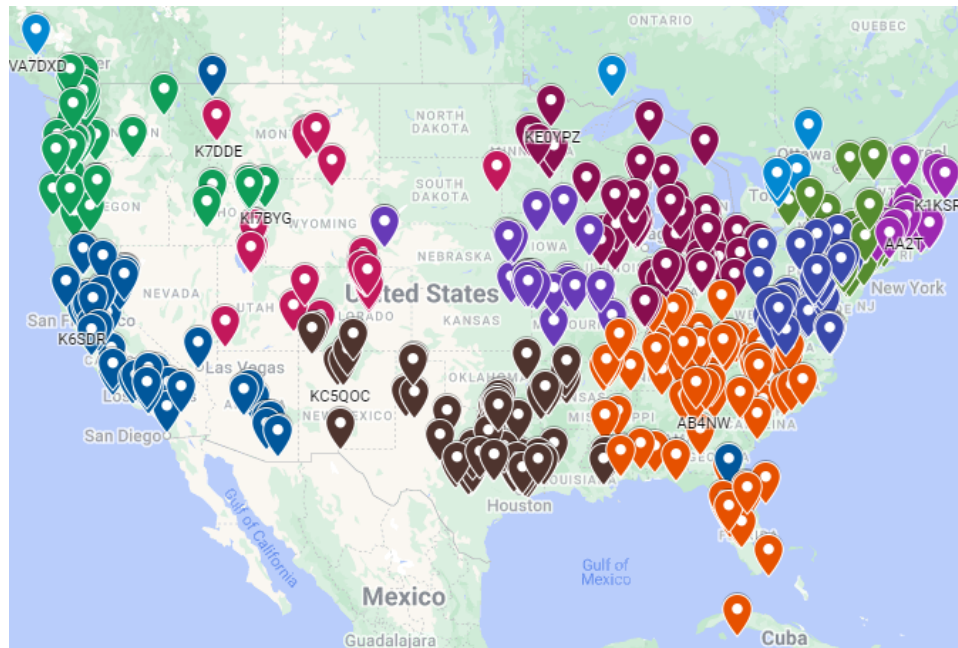
Before disaster strikes

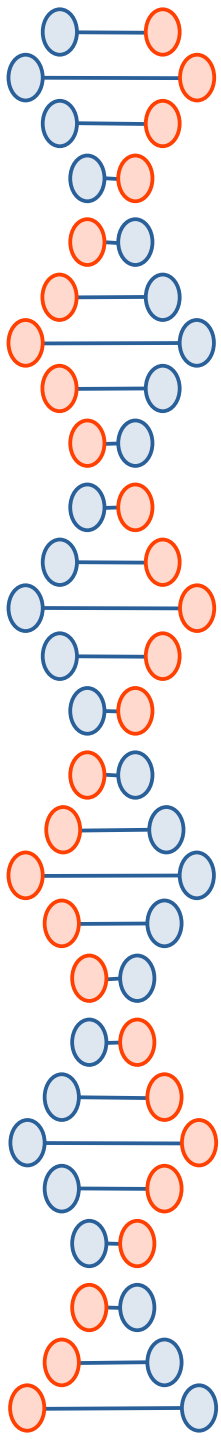
- Send ordinary emails with the RMS Express and telnet
- Confirm coverage of VHF gateways
- SC ARES HF Net on Tues night encourages Winlink checkin to NCS
- Winlink Thursdays
 - EmComm-Training sends an email with short instructions for a monthly fun Winlink exercise
 - Learn something new almost every week (now monthly)
 - Results are provide each week
 - Register at <https://www.emcomm-training.org>
- Aiken ARES trailer meeting Winlink practice



Winlink Thursday Practice (by region)

Over 500 messages received on typical Thursday



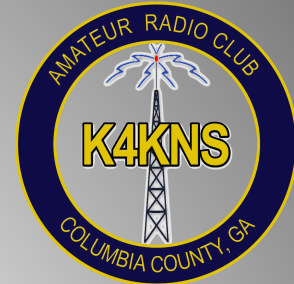


Enough Powerpoint
Time for a live demo and
more questions

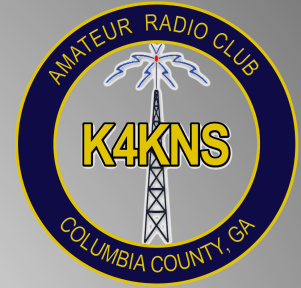


UPCOMING EVENTS

- 12-07-2023 ARCCC Holiday Party & Awards Ceremony
- 12-09-2023 CSRA Ham Exams Examination Session
- ~~01-13-2024 Greenwood, SC Hamfest~~ **(CANCELLED!)**
- 02-09/11-2024 Orlando, FL Hamcation

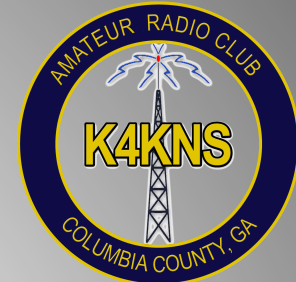


**NO MEETING IN
DECEMBER 2023**



MEMBERSHIP APPLICATIONS

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



ARCCC, INC. MONTHLY REPORTS

Amateur Radio Club of Columbia County

Printed on 11/6/2023

Treasurer's Report

- Update from Treasurer

Secretary's Report for October 3rd, 2023 meeting:

- [10-03-2023 Meeting Minutes](#)

CHECKBOOK SUMMARY

ARCCC ACCOUNTS	AMOUNT
7513 - Main Account	\$ 4,162.76
4913 - Pay Pal Account	\$ 3,490.00
Pending Transfer from PayPal	\$ 1,051.44
Petty Cash - Treasurer	\$ 160.00
Petty Cash - Asset Committee	\$ -
Pending Deposit - Checks	\$ -
Pending Deposit - Cash	\$ -
TOTAL AMOUNT	\$ 8,864.20
Less Commitments	
2023 Budget	\$ (2,479.99)
HT Radio Purchase	\$ (200.00)
TOTAL AVAILABLE FUNDING	\$ 6,184.21



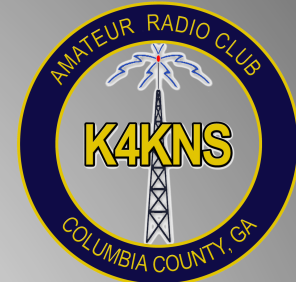
KROGER COMMUNITY REWARDS

- 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*

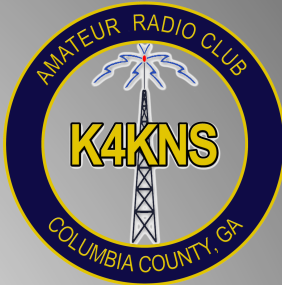
Order at this link:

<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.**
- **Groups.io**
 - <https://groups.io/g/arcccinc>



HamClubOnline - Club Self-Check (ARCCC)

Member Statistics:

Active Members	99
Expiring Soon Members	0
Inactive Members	33
Non-Members Affiliates	0
Total	137

Rank Statistics: (Active Members)

Member	93
Trustee	1
Officer	5
Total	99

Member Types Statistics: (Active Members)

Family Membership	11
Family Membership (Free)	2
Full Membership	63
Full Membership (Examination Waiver)	4
Full Membership (Free)	3
Honorary Membership	1
Life Membership	15
Total	99

Pending Applications:

Name	Status	Application Date
Jefferson L Williams KQ4LNS	Pending Approval	2023-10-17 13:37:47

New Members: (Last 90 Days)

Name	Callsign	Join Date
Gary D Borba	KR4XC	2023-09-05

Inactivated Members: (Last 90 Days)

Name	Callsign	Remove Date	By
JOEL M BREAKSTONE	K1CQ	2023-09-16	(HCOL SYSTEM)
Damian S Bartholomew	KN4FYF	2023-10-08	(HCOL SYSTEM)
Jeffrey S Hutto	KO4HJR	2023-09-28	(HCOL SYSTEM)
Rachel C Jones	KO4HLC	2023-09-28	(HCOL SYSTEM)
TIMOTHY R MIDDLETON	N8YCF	2023-10-10	(HCOL SYSTEM)
David A Vine	WA1EAW	2023-08-31	(HCOL SYSTEM)
Christine Williams	KQ4CRY	2023-09-12	(HCOL SYSTEM)
William W Byrne	KO4TLS	2023-10-11	(HCOL SYSTEM)
Thomas W Hardin Jr	KO4FFA	2023-09-28	(HCOL SYSTEM)
RUTH A WILLET	KM4LAO	2023-08-27	(HCOL SYSTEM)
Curtis Landrum		2023-10-02	(HCOL SYSTEM)
ERIC W BAKSIN	KC9ASC	2023-09-26	(HCOL SYSTEM)
Stephen J Esposito II	AE4SJ	2023-08-08	(HCOL SYSTEM)
JUDITH A THOMPSON	K1UTE	2023-08-16	(HCOL SYSTEM)
Thomas W Hardin Sr	KO4HKC	2023-09-28	(HCOL SYSTEM)

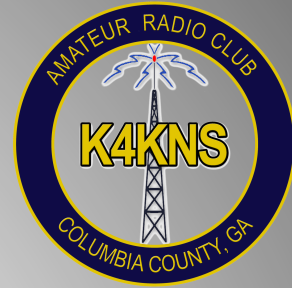
New Memberships: (Last 90 Days)

Name	Callsign	Membership Type	Amount	Start Date	End Date	Poster	Post Date
Richard M McKnight	NO3K	Full Membership	\$25.00	2023-08-09	2024-08-07	Richard M McKnight	2023-08-08
Gary D Borba	KR4XC	Full Membership	\$25.00	2023-08-11	2024-08-10	Gary D Borba	2023-08-11
Michael J Bitetti	KQ4IUP	Full Membership	\$25.00	2023-08-02	2024-07-31	ERIC J CAGLE	2023-08-29
RICHARD "TERRY" T BURTON	W4ALK	Full Membership	\$25.00	2023-09-01	2024-08-31	RICHARD "TERRY" T BURTON	2023-09-01

ANDREW H BREJDA	KA5VLY	Full Membership	\$25.00	2023-10-04 2024-10-03	ANDREW H BREJDA	2023-10-04
DONALD E DRZEWOSZEWSKI	WB2WEO	Full Membership	\$25.00	2023-10-05 2024-10-04	DONALD E DRZEWOSZEWSKI	2023-10-05
Jefferson L Williams	KQ4LNS	Full Membership	\$25.00	2023-10-17 2024-10-16	Jefferson L Williams	2023-10-17

- 1.
- 2.
- 3.

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COMMITTEE UPDATES

Directors provide QUICK UPDATES on their committees

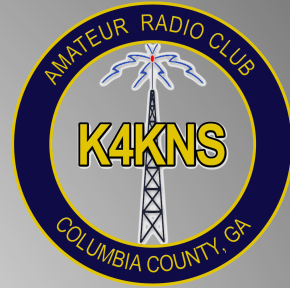
- IT
- Repeater
- Net Control
- Volunteer Examiner
- Constitution and Bylaws
- Field Day
- Asset/Inventory
- Nomination

- Chaplain and Visitation
- Fundraising
- Mentoring
- Outreach

Appointed Positions:

- K4KNS Trustee
- Public Information Officer
- QSL Manager





DRY RUN

ARCCC, Inc. Board of Directors Slate for 2023-2024

- Thank you to those who have voted in the test election.
- Only about a third of the ARCCC, Inc. Membership has voted in the test election.

Election Statistics:

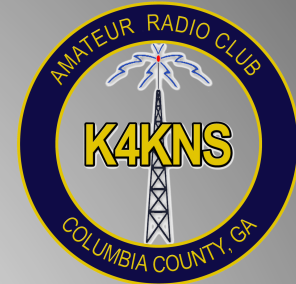
32 ballots cast, 99 ballots sent = 32% voted



DRY RUN

ARCCC, Inc. Board of Directors Slate for 2023-2024

- Voting is Simple!
- Members can vote by clicking on the link sent to the email address selected by the member when signing up for membership through HamClubOnline.
- Links are only sent to members who are in good standing.



DRY RUN

ARCCC, Inc. Board of Directors Slate for 2023-2024

HamClubOnline.Com - Election Campaign Ballot (ARCCC)

Amateur Radio Club of Columbia County, Inc.

Dry Run 2023-24 Dry Run

(Election ends at 2023-11-08 23:59 EST)

Election Statistics:

32 ballots cast, 99 ballots sent = 32% voted

Members Who Voted:

K1OYQ	K4ISG	K8AGB	KJ4FSX	KJ4HZ	KK4MED	KK4RFL	KK4ZHT	KM4DBA	KM4NSG
KM4PHT	KM4UDR	KN4FYG	KN4KQJ	KO4LDS	KO4NSY	KO4QLA	KQ4FFL	KQ4HDN	KQ4HEF
KQ4IUP	KR4XC	N4MI	W4EFS	W4QK	W4WGH	WA6TWF	WB2WEO	WB4RGO	WB4ZIT
WK4F	WW4ZT								

Ballot Items:

#1: PRESIDENT

- ☐ Cameron Cunningham
 - ☐ Mary Kate Kitchens
-

#2: VICE PRESIDENT

- ☐ James Cunningham
 - ☐ David Slabodnick
 - ☐ Randall Todd Dunaway
-

#3: SECRETARY

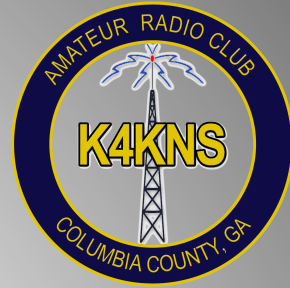
- ☐ Keith Conner
 - ☐ Jameson Lewis
-

#4: TREASURER

- ☐ Don Drzewoszewski
 - ☐ Joey Dodgens
-

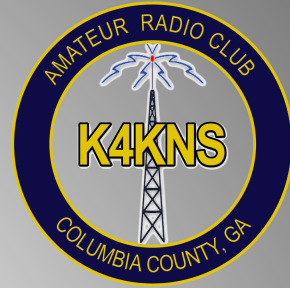
#5: BOARD MEMBER AT LARGE

- ☐ Robert McManus
- ☐ Sam Reeder
- ☐ Michael Bitetti

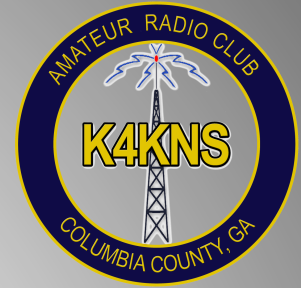


DRY RUN

ARCCC, Inc. Board of Directors Slate for 2023-2024



- <https://secure.hamclubonline.com/vote.php?id=28189463913968054&pin=50267>



COMMITTEE UPDATES

- IT Committee
 - Email Server Rebuild



COMMITTEE UPDATES

- Repeater Committee
 - Randall Blumberg (KN4FYG) – Co-Director
 - Rusty Welsh (KG4HIR) – Co-Director
- 442.900 – Pollards Corner

26

WARNING
HAZARDOUS VOLTAGE
BEHIND THIS COVER.
UNPLUG A/C POWER
BEFORE SERVICING.

F1
10A
AST

F2
11A
AST

F3
5A
AST

120 VAC

120 VAC

ON
OFF

1505-2153
647 2618
26



PROPERTY OF ARCC INC.

COR CTCS DTMF	COR CTCS DTMF	COR CTCS DTMF	LOGIC IN	LOGIC OUT
PORT 1	PORT 2	PORT 3	1 2 3 4	1 2 3 4
PTT ENC	PTT ENC	PTT ENC	5 6 7 8	5 6 7 8
			9 10 11 12	9 10 11 12

PROG K4KNS
APRIL 20 2019
slcom
7330 Attenuator Controller
PACKAGE RELEASE 1.8
FEB 5 2019

ON

PROPERTY OF ARCC INC.





WARNING

VOLTAGE
COVER
POWER

F1
10A
FAST

F2
8A
FAST

F3
6A
FAST

12V VAC



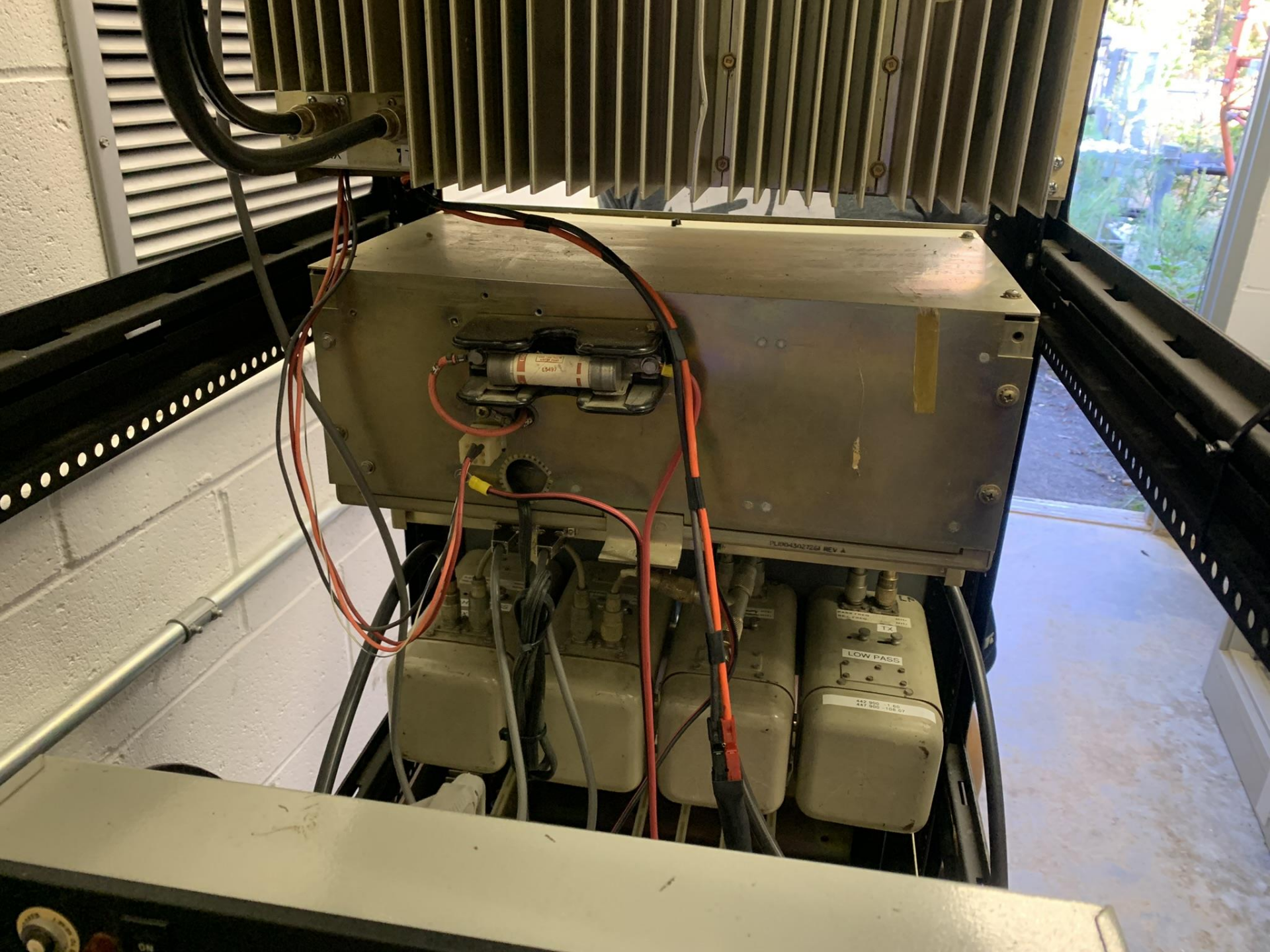


WARNING
VOLTAGE
COVER

FI
10A
FAST

F2
BA
FAST

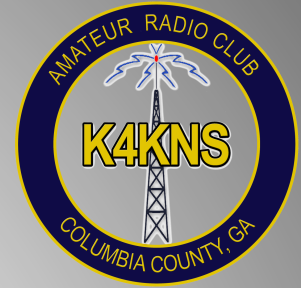
F3
5A
FAST



PL0004302726 REV A

LOW PASS

TX



COMMITTEE UPDATES

- Repeater Committee
 - Randall Blumberg (KN4FYG) – Co-Director
 - Rusty Welsh (KG4HIR) – Co-Director
- Request for Replacement Locks (2) at Pollards Corner Site
 - \$45






COMMITTEE UPDATES

- Nomination Committee
 - Responsibilities
 - Rookie Ham of the Year Award
 - Thomas Kholi Ham of the Year Award
 - Elections
- Jim Cunningham (KV4YA) – Co-Director
- Samantha Lytch (KM4NSF) – Co-Director



COMMITTEE UPDATES

- Rookie Ham of the Year Award



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 - ▶ [Rookie of the Year Award Nomination Form](#)

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[Awards » Rookie of the Year Award Nomination](#)

Rookie Ham of the Year Award

The member receiving this award will be selected from among nominations submitted by fellow ARCCC, Inc. Club Members. The ARCCC, Inc. Nominations Committee will review the nominations in October each year and will select the recipient for the award. The Rookie Ham of the Year Award will be presented to the selected recipient at the ARCCC, Inc. Christmas and Awards Dinner in December each year.

The minimum Eligibility requirements for the "Rookie Ham of the Year Award" are:

- Licensed Amateur Radio Operator
- ARCCC, Inc. member in good standing
- Must be a new ARCCC member, less than 3 years

Some of the Qualifications the ARCCC, Inc. Nominations Committee will consider to determine to winner include:


- Visible good example and "ambassador" for Amateur Radio in the community
- Elmer to new hams
- Individual preparedness (examples: emergency training, upgraded license, etc.)
- Regular participant in club meetings and events
- Net participation or Net Control Operator
- Volunteer Examiner and/or Instructor

Nominees do have to meet the eligibility requirements but do not have to meet all of the above qualifications, and



COMMITTEE UPDATES

- Thomas Kohli Ham of the Year Award



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Awards » Thomas Kohli Ham of the Year Award Nomination

Thomas Kohli Ham of the Year Award

Thomas (Tom) Dewing Kohli (WA4TE) was a Life Member of the Amateur Radio Club of Columbia County, Inc. Tom became a silent key on December 6, 2017 at a tremendous 80 years young.

Tom was employed by Bechtel Corporation for 50 years, as a Structural Civil Engineer. He worked in South Korea building a nuclear plant and in San Clemente, CA building San Onofre Nuclear Plant, as well as Yucca Mountain Nuclear Facility in Nevada. Mr. Kohli was the owner of Costa Del Mar, Inc., Consulting. He was a lifetime member of the NRA, a member of Pinetucky Gun Club.



Tom was an avid Amateur Radio Operator and enjoyed experimenting with newer technologies before such technologies really became common among users. One such technology was that of Bluetooth. Tom was one of the first to integrate the use of Bluetooth Headsets with his amateur radios. Tom also enjoyed learning how to use the recently released Raspberry Pi for incorporating into the amateur radio hobby.

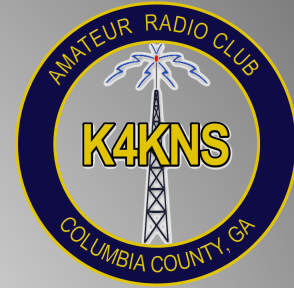
Over Tom's tenure of being a licensed amateur radio operator, he collected a tremendous amount of amateur radio gear for which his wife, Vicky B. Kohli, and estate chose to donate to the Amateur Radio Club of Columbia County, Inc.



COMMITTEE UPDATES

- Nomination Committee
 - Responsibilities
 - Rookie Ham of the Year Award
 - Thomas Kholi Ham of the Year Award
 - Elections
- Jim Cunningham (KV4YA) – Co-Director
- Samantha Lytch (KM4NSF) – Co-Director

ARCCC, Inc. Holiday Party & Awards Ceremony



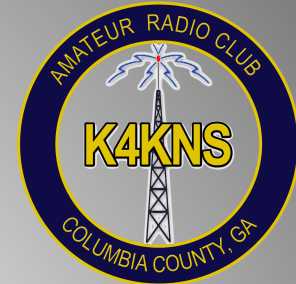
- Thursday, December 7, 2023
- 18:30 (6:30 PM)
- Top Dawg Tavern
 - 2821 Washington Road, Augusta, GA 30909





COMMITTEE UPDATES

- Mentoring Committee
 - HANDI-Finder Workshop Poll (08-04-2023)
 - 10 Participants as of 08-19-2023
 - Those wishing to participate should pay Eric!
 - Currently working on a host location



COMMITTEE UPDATES

- Examinations
- CSRAHamExams.com

CSRA Ham Exams

Amateur Radio Exams for those in the Central Savannah River Area

Home

When/Where Do I Test?

Register for Exam

Find My Call Sign

About the Team

Join the VE Team

Home

🏠 Home :: Home

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

- 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)



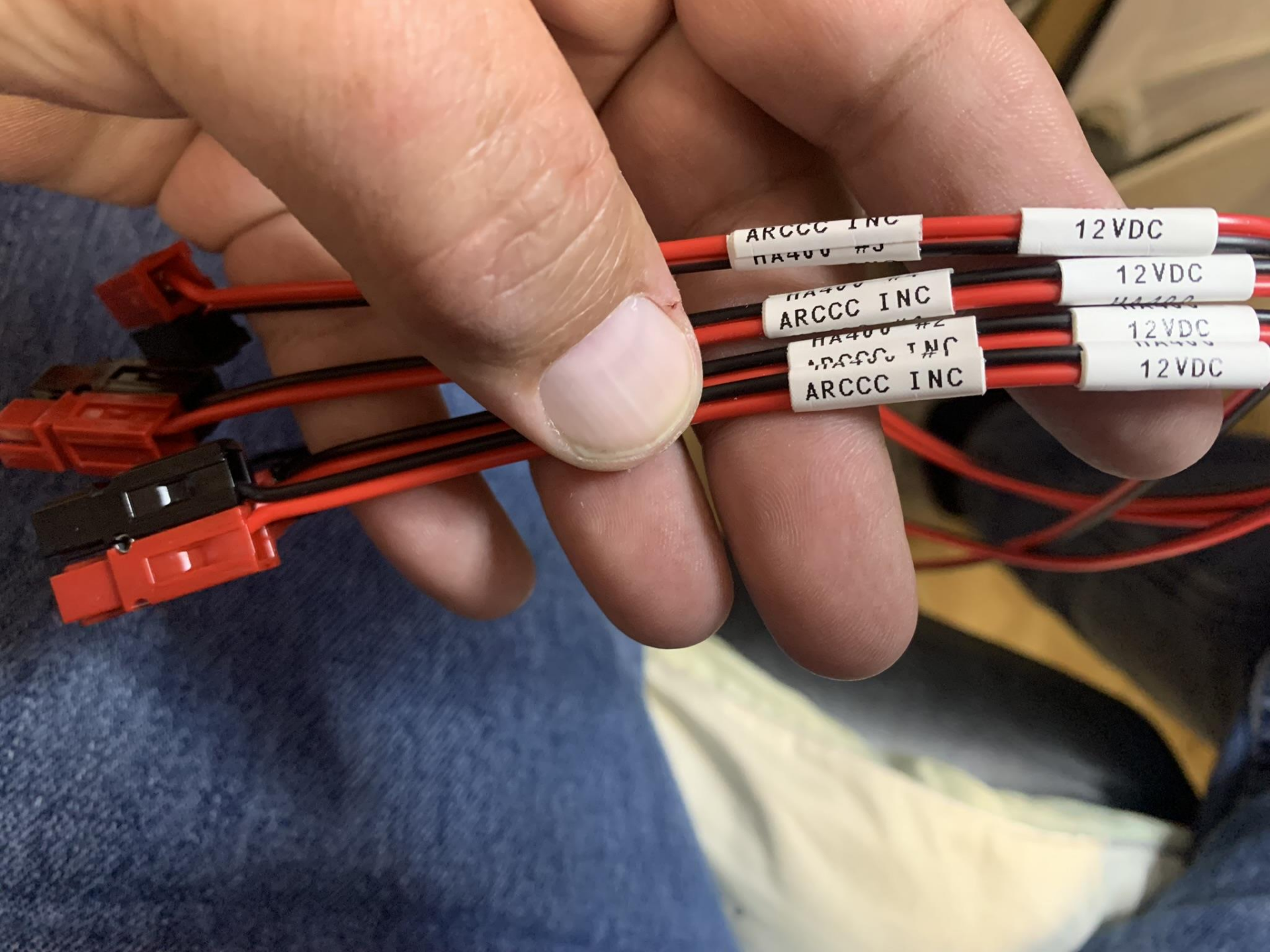
Sam (WW4ZT)







Lenovo



ARCCC INC
HA400 #3

12VDC

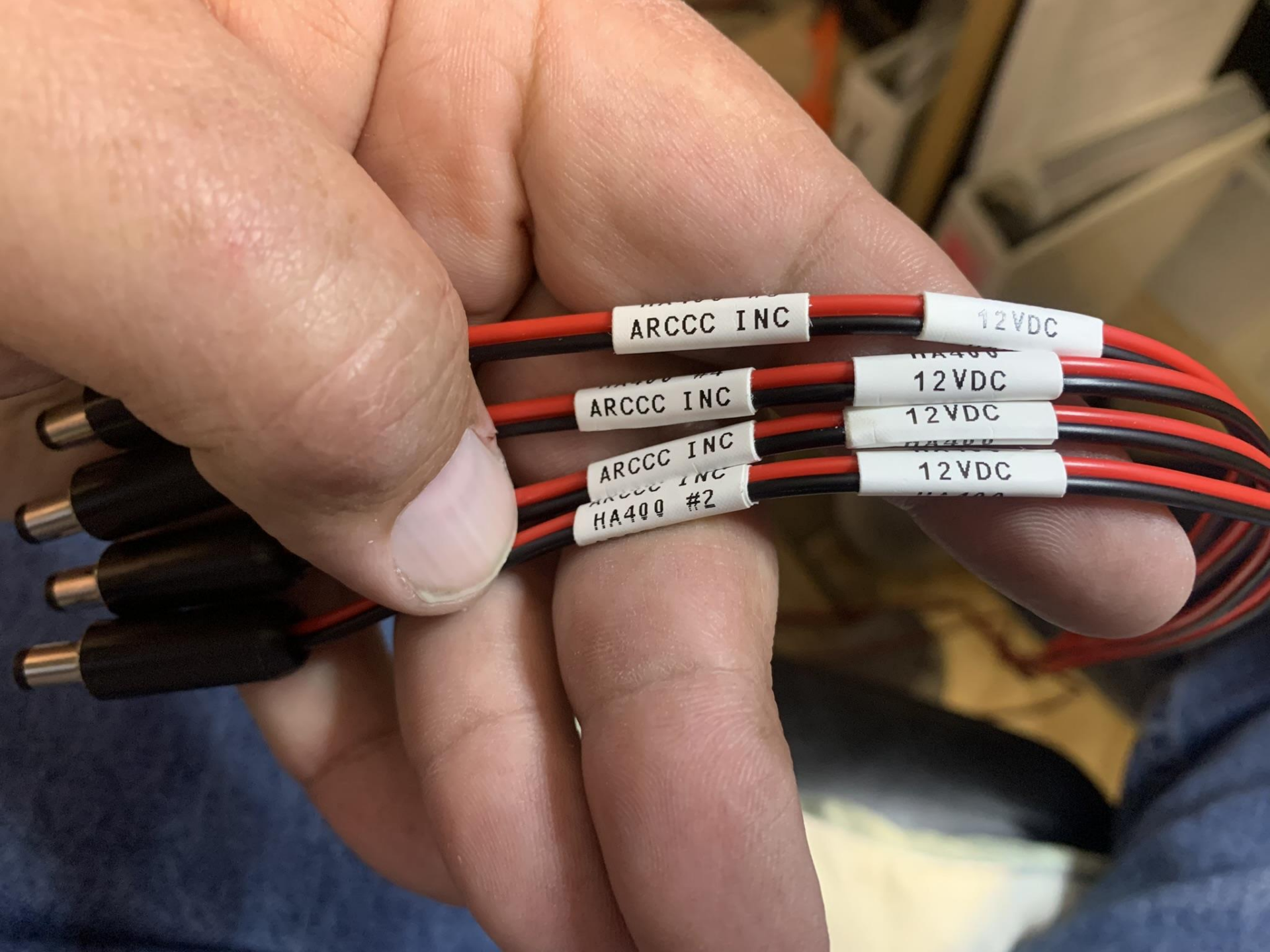
ARCCC INC
HA400 #2

12VDC

ARCCC INC
HA400 #1

12VDC

12VDC



ARCCC INC

12VDC

ARCCC INC

12VDC

12VDC

ARCCC INC

12VDC

HA400 #2







12 V==

1

2

3



ARCCC
NEW
09-05-23

Micro

ULTRA-COMPACT 4-CHANNEL

STEREO HEADPHONE



ON

LEVEL 1

LEVEL 2

LEVEL 3

LEVEL 4

INF

4000
AMPLIFIER



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



Amateur Radio Club of Augusta



Monthly Meeting Time Change

Effective Tuesday October 17th, our club meeting will have a new start time.

MEET & GREAT: 6:30 -7PM

MEETING START: 7PM

Please mark your calendars with this change.

W4DV.club

Amateur Radio Club of Augusta



ARCA November General Meeting

November 21, 2023 7:00 PM - 8:00 PM

POB-1 (formerly H2U) Building

W4DV.club



Amateur Radio Club of Augusta



NEW WEEKLY CSRA HF NET

HEAR YE! HEAR YE!

The Amateur Radio club of Augusta is initiating a new **weekly** 75 meter net for all you HF'ers out there! It will begin **Thursday Evening September 28th at 9PM on 3.890 LSB.** Marion Butler, KO4NSY, will be our initial Net controller.

So Mark your calendars, blow the dust off your HF rigs, join the fun, and help us kick-off this net.

Looking for you on the 28th!!!

73's,

Amateur Radio Club of Augusta

www.w4dv.club

arca.w4dv@gmail.com

Amateur Radio Club of Augusta

PO Box 3072, Augusta
GA 30914-3072 United States

North Augusta - Belvedere Radio Club



NABRC November 2023 General Meeting

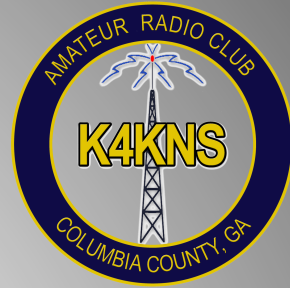
November 13, 2023 7:00 PM - 8:00 PM

Aiken DPS Station 2

485 Five Notch Road, North Augusta, SC 29860

K4NAB.org

East Central/Columbia County ARES



Susan Messick, WA0B
Columbia County GA ARES EC



AmRRON

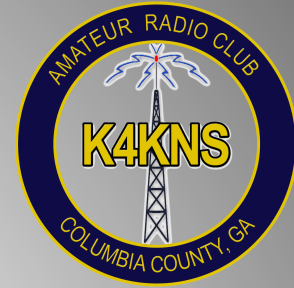


AmRRON



**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!!!