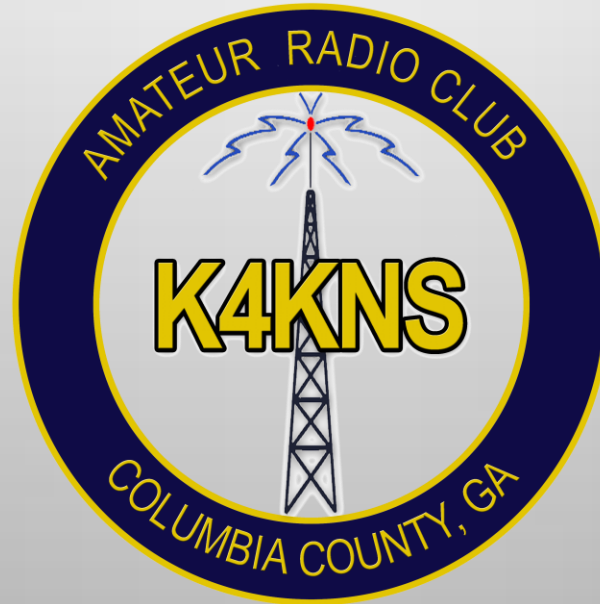


AMATEUR RADIO CLUB OF COLUMBIA COUNTY, INC.



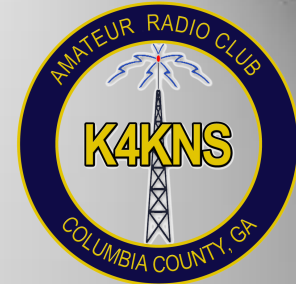
GENERAL MEETING
MEETING #18
Tuesday, July 26, 2016
7 PM



INVOCATION

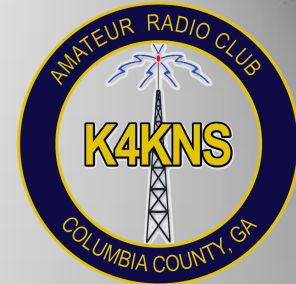
RECOGNIZE SPECIAL VISITORS





ARCCC, INC. AGENDA OVERVIEW

- Welcome and Introductions (Quickly)
- Presentation
- Applications for New Membership
- Treasury Report and Meeting Minutes
- Swap Table
- Upcoming Events
- New Business
- Updates from Committee Directors



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

Thank you Richard!



MEMBERSHIP APPLICATIONS

- Are there any additional ARCCC, Inc. Membership Applications which need to be turned in before we vote?

MEMBERSHIP APPLICATIONS

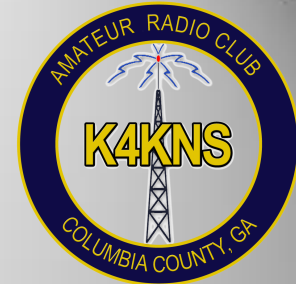




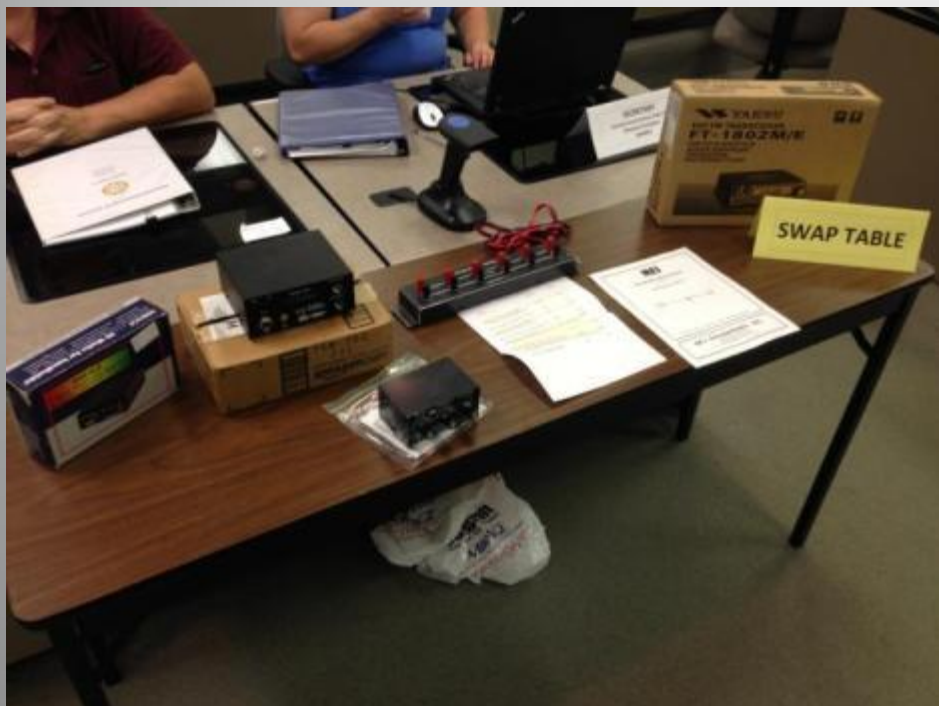
ARCCC, INC. REPORTS

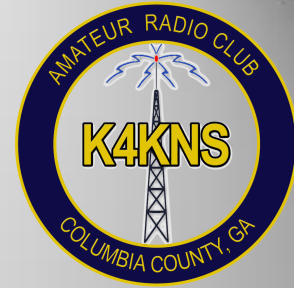
- Treasurer's Report
- Secretary's Report
 - Posted on Website





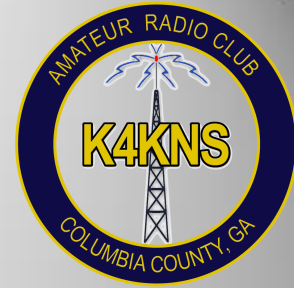
SWAP TABLE





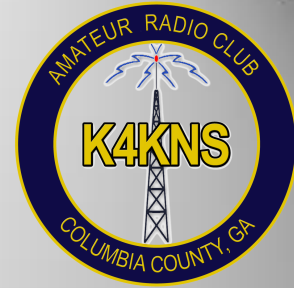
UPCOMING EVENTS

- 09-03-2016 – Shelby Hamfest
- 09-17-2016 – Prepare and Aware Day
- 10-01-2016 – Rock Hill Hamfest
- 10-01-2016 – Oliver Hardy Festival
- 10-01-2016 – SEED
- 11-05-2016 – Stone Mountain Hamfest



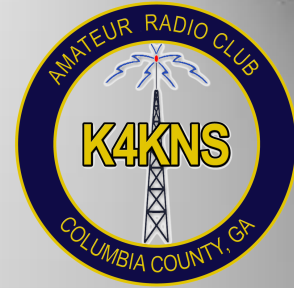
COMMITTEE UPDATES

- Note from the ARCCC, Inc. Board of Directors
 - Board Meetings will be advertised to ARCCC, Inc. Members and all are welcome and encouraged to attend.
 - Note: Due to the limited space at the location the ARCCC, Inc. BOD has been meeting, those interested in attending must notify the BOD they are planning to attend so space can be made available.



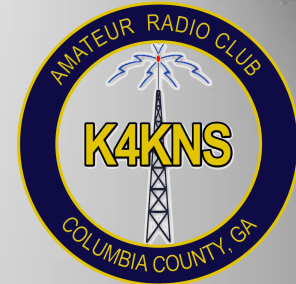
COMMITTEE UPDATES

- Mentoring Committee
 - Place committee into an Inactive State
 - Otherwise a requirement of the Mission, Goals, Objectives and Milestones must be documented on a Timeline and a Director who will ensure each of the items are completed on time.



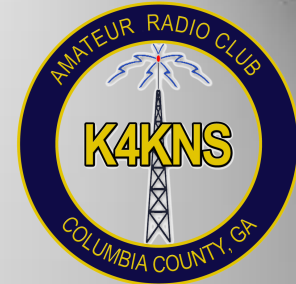
Operation Footprint

- Purpose
 - To provide an analysis of signal strength data collected to determine the “Footprint” of various repeaters in the CSRA as it relates to Public Service events and to also establish footprints for newly operational repeaters.



Operation Footprint Goals

- Assist project leaders/coordinators in the selection of the best repeater(s) for their event.
- Provide a ranking of Repeaters for an event so a back up repeater can be determined planned for its use.
- Provide insight into which event location(s) may require higher power outputs or higher gain antennas for the selected repeater



Operation Footprint

• 2013 Results

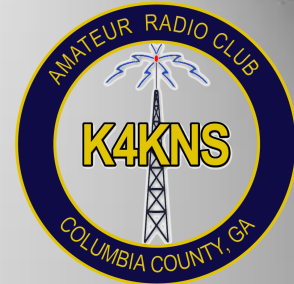
	A	C	D	E	F	G	H	I	J	K	L	M	N
1	Operation Footprint			5 = No Noise 4 = Minor Noise 3 = Noise 100% Copy				2 = Less than 100% Copy 1 = Heard by not usable 0 = Not Heard					
2													
3													
4	Output	146.940	145.110	146.730	147.345	145.450	145.290	444.800	443.125	444.900	145.410	145.490	
5	Input	146.340	144.510	146.130	147.945	144.850	144.690	449.800	448.125	449.900	144.810	144.890	
6	Tone	None	None	None	91.5	123.0	None	146.2	91.5	None	None	None	
7	Location	Bonaire 38	NA 39	NA 40	Beech Is. 41	SRS 42	BBJ & Hwy 1 43	NA 44	Beech Is. 45	Evans 46	Doctors 47	Trenton 48	
8	Overall Repeater Coverage	88.57%	68.57%	84.29%	82.86%	11.43%	58.57%	98.57%	#DIV/0!	50.71%	21.43%	71.43%	
9	Repeater Avg.	<u>4.429</u>	<u>3.429</u>	<u>4.214</u>	<u>4.143</u>	<u>0.571</u>	<u>2.929</u>	<u>4.929</u>	<u>#DIV/0!</u>	<u>2.536</u>	<u>1.071</u>	<u>3.571</u>	WS
10	Half Marathon												Avg.
11	WS 1 9.5 9th St.	5	2	4	4	0	3	5		0	0	2.5	<u>2.550</u>
12	WS 2 13th @ Greene	5	3	3	5	0	4.5	5		0	0	1	<u>2.650</u>
13	WS 3 Walton/Chafee	5	5	4	5	0	5	5		3	0	2	<u>3.400</u>
14	WS 4 Walton/Heard	5	4	5	5	2	2.5	5		0	0	3.5	<u>3.200</u>
	WS 5	4.5	3.5	3.5	4.5	1	4	4		5	4.5	4	<u>3.750</u>

	A	C	D	E	F	G	H	I	J	K	L	M	N
4	Output	146.940	145.110	146.730	147.345	145.450	145.290	444.800	443.125	444.900	145.410	145.490	
5	Input	146.340	144.510	146.130	147.945	144.850	144.690	449.800	448.125	449.900	144.810	144.890	
6	Tone	None	None	None	91.5	123.0	None	146.2	91.5	None	None	None	
7	Location	Bonaire 38	NA 39	NA 40	Beech Is. 41	SRS 42	BBJ & Hwy 1 43	NA 44	Beech Is. 45	Evans 46	Doctors 47	Trenton 48	
8	Overall Repeater	88.57%	68.57%	84.29%	82.86%	11.43%	58.57%	98.57%	#DIV/0!	50.71%	21.43%	71.43%	
9	Repeater Avg	4.429	3.429	4.214	4.143	0.571	2.929	4.929	#DIV/0!	2.536	1.071	3.571	WS
10	Half Marathon												Avg.
11	WS 1 9.5 9th St.	5	2	4	4	0	3	5		0	0	2.5	2.550
12	WS 2 13th @ Greene	5	3	3	5	0	4.5	5		0	0	1	2.650
13	WS 3 Walton/Chafee	5	5	4	5	0	5	5		3	0	2	3.400
14	WS 4 Walton/Heard	5	4	5	5	2	2.5	5		0	0	3.5	3.200
15	WS 5 Walton/ASU	4.5	2.5	3.5	4.5	1	4	4		5	4.5	4	3.750
16	WS 6 Surrey	4	4.5	4.5	3	1	3.5	5		5	3	5	3.850
17	WS 6.5 Rae's Creek	2	1	4	1	0	1	5		4	0	4.5	2.250
18	WS 7 Berkman/Heat	4	1	4	5	0	4	5		5	5	4.5	3.750
19	WS 8 Wash/Eisenho	4.5	3.5	5	4.5	3	3.5	5		5	1.5	5	4.050
20	WS 9 Wash/Broad	4.5	2.5	4	3.5	0	1.5	5		3.5	1	4	2.950
21	WS 10 Lakemont/Eus	5	5	5	4	1	2.5	5		0	0	4	3.150
22	WS 11 Milledge	4	5	5	5	0	1	5		4	0	4	3.300
23	WS 12 Broad/Grace	4.5	5	4	4.5	0	2	5		1	0	4	3.000
24	END	5	4	4	4	0	3	5		0	0	2	2.700



Operation Footprint

- Equipment Specs
 - Hand held VHF & UHF radios
 - Baofeng UV-5R
 - Stock antenna
 - 5 Watts output
 - Fully charged Batteries at the start of the project

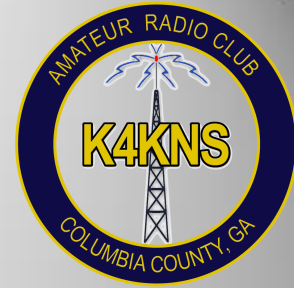


Operation Footprint

- Collection Method

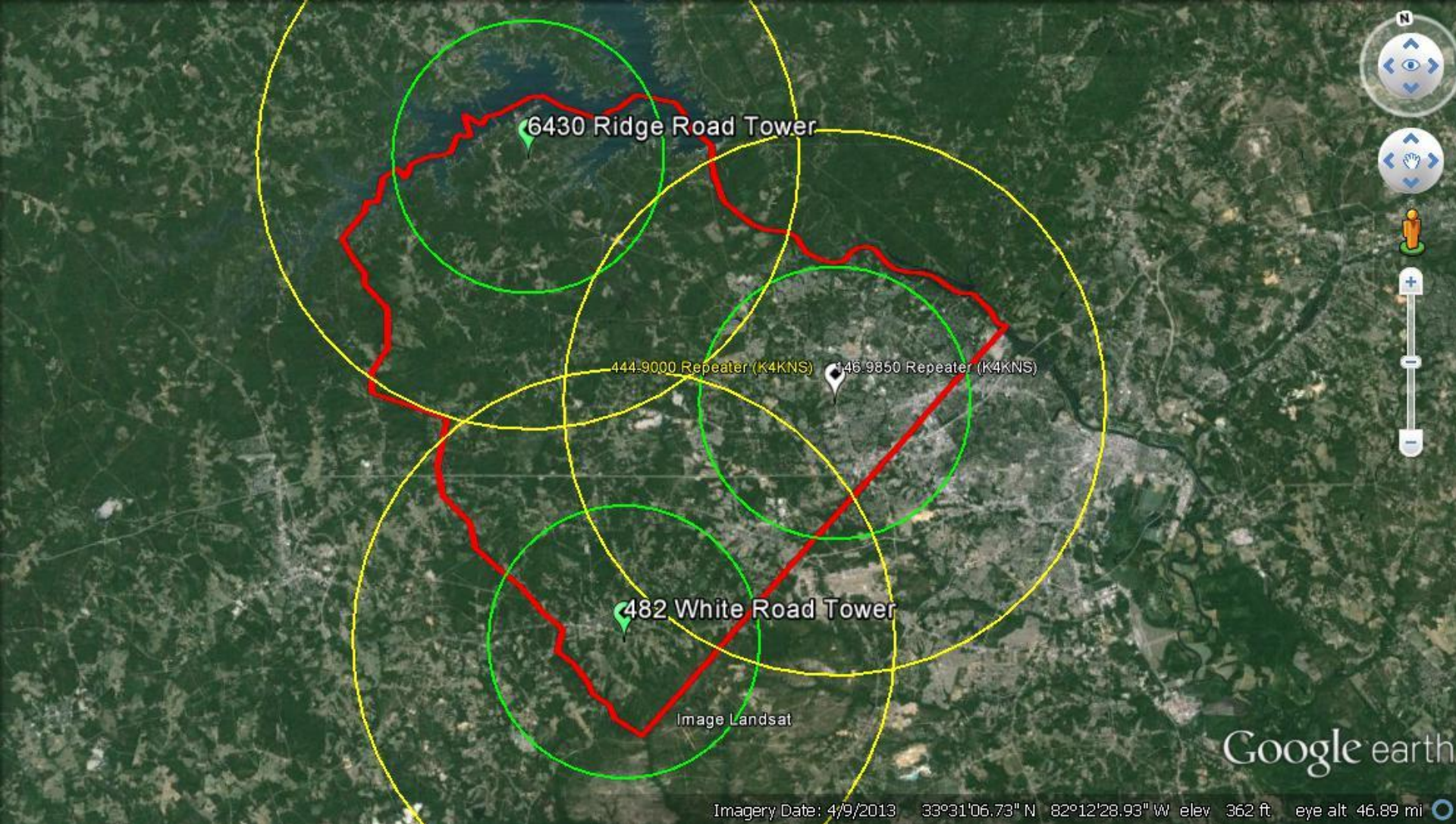
For each Event Evaluated:

1. A pair of licensed operators were dispatched to each designated “waterstop/Fixed” location and positioned a couple of hundred feet away from each other.
2. A message was sent back and forth using **EACH** designated repeater.
3. The quality and strength of each contact on each repeater was recorded using a 0-5 numeric system.
 - 5 = No Noise/Full quieting
 - 4 = Minor Noise on signal
 - 3 = Noise 100% copy
 - 2= breaking up
 - 1 = Heard but unable to copy
 - 0= Not heard

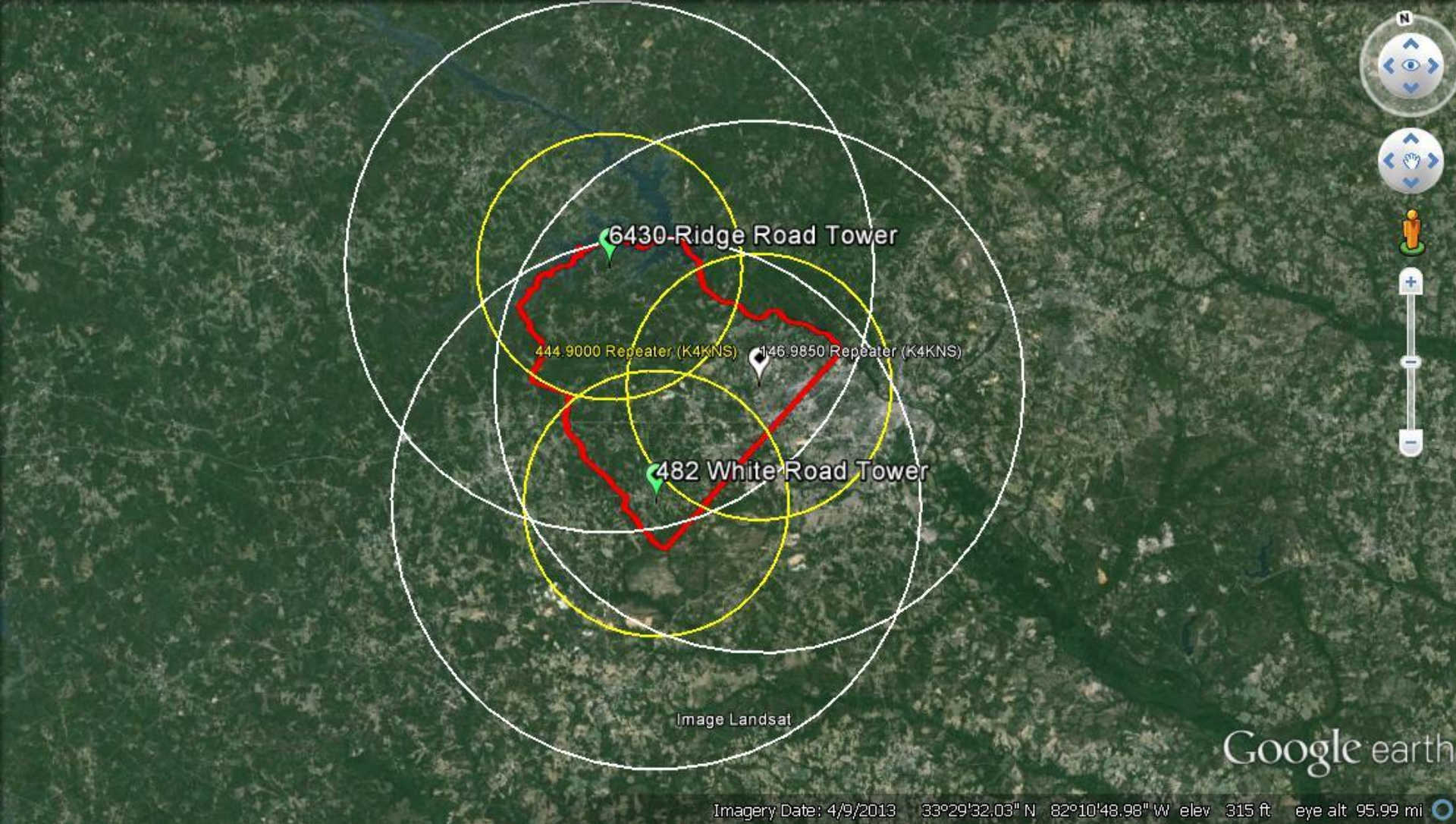


Operation Footprint

- Analysis Method
 - A worksheet exists for each Event
 - Data sheets from each Event collection team were entered into the master workbook.
 - The average strength for each repeater will be calculated across all event “water stops”
 - The level of overall repeater coverage will be calculated for each event

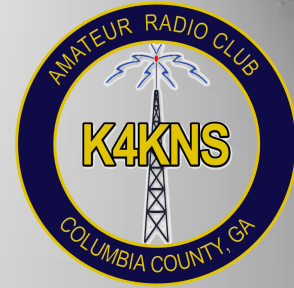


5 Mile Circles (Green)
10 Mile Circles (Yellow)



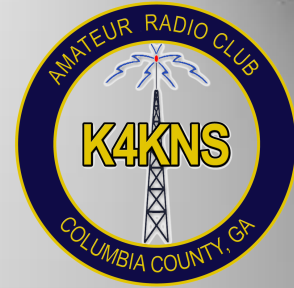
10 Mile Circles (Yellow)

20 Mile Circles (White)



Operation Footprint

- Anyone interested in assisting with data collection please let us know and we will coordinate a project meeting to provide greater detail.
 - Email KG4HIR@arrrl.net



COMMITTEE UPDATES

- Directors should provide QUICK UPDATES on their committees
 - Who has an update?



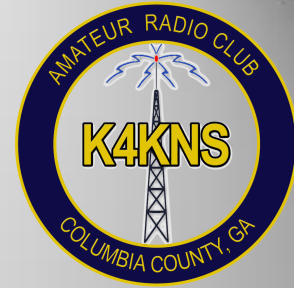
NET UPDATES

- Devon Harris (KM4PHT) – Net Director
 - Net Controllers WANTED!!!
- ARCCC, Inc. Net
 - Monday's at 7:30 PM Local Time on 146.985 TSqI 71.9
- East Central GA ARES Net
 - Monday's at 20:30 on 147.120, No Tone
- AmRRON Net
 - Monday's at 21:00 on 146.985, 71.9 TSqI



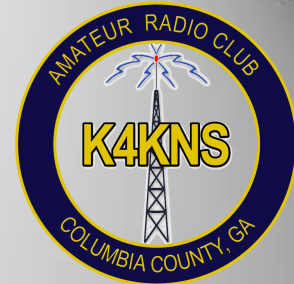
COMMITTEE UPDATES

- Outreach Committee
 - Oliver Hardy Festival
 - Prepare and Aware Day



COMMITTEE UPDATES

- Repeater Committee
 - Pollard's Corner Repeater Site Update
 - Antenna Installed 07-18-2016
 - Installation Finalization 07-26-2016
 - Operation Footprint to be Conducted

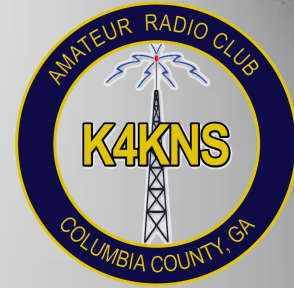


COMMITTEE UPDATES

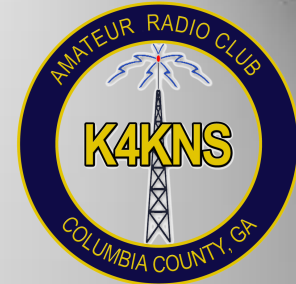
- Repeater Committee
 - Pollard's Corner Repeater Site Update
 - Completion Items
 - 6 – Coax jumpers of various lengths and connectors
 - 1 – Type N to unknown connector for 7-8" connector on tower
 - 1 – Diplexer
 - 1 – PL-259 to Type N Male Adapter
 - 1 – 9 Pin Hood
 - 2 – 3' Anderson Power Pole Jumpers
 - 1 – Anderson Power Pole Quad
 - 2 – Combo Locks for Gates
 - 1 – Combo Hide-a-key for access to radio room

Monday
06-27-2016

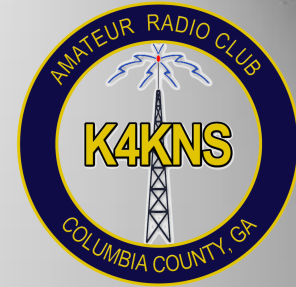




Monday
07-18-2016



Monday
07-18-2016



Monday
07-18-2016

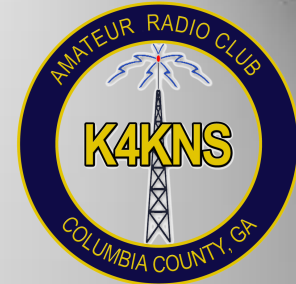


Monday
07-18-2016

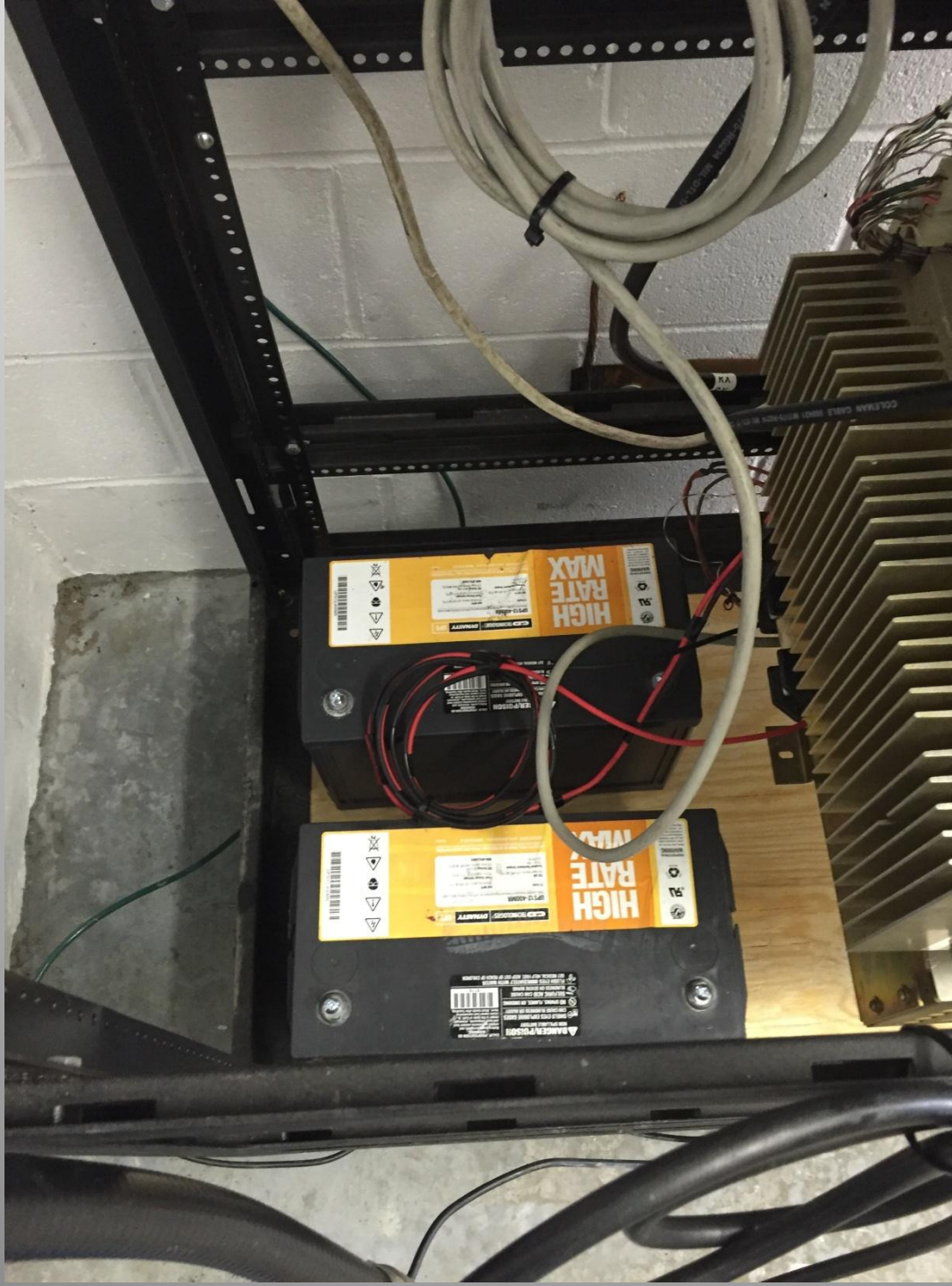


Monday
07-18-2016



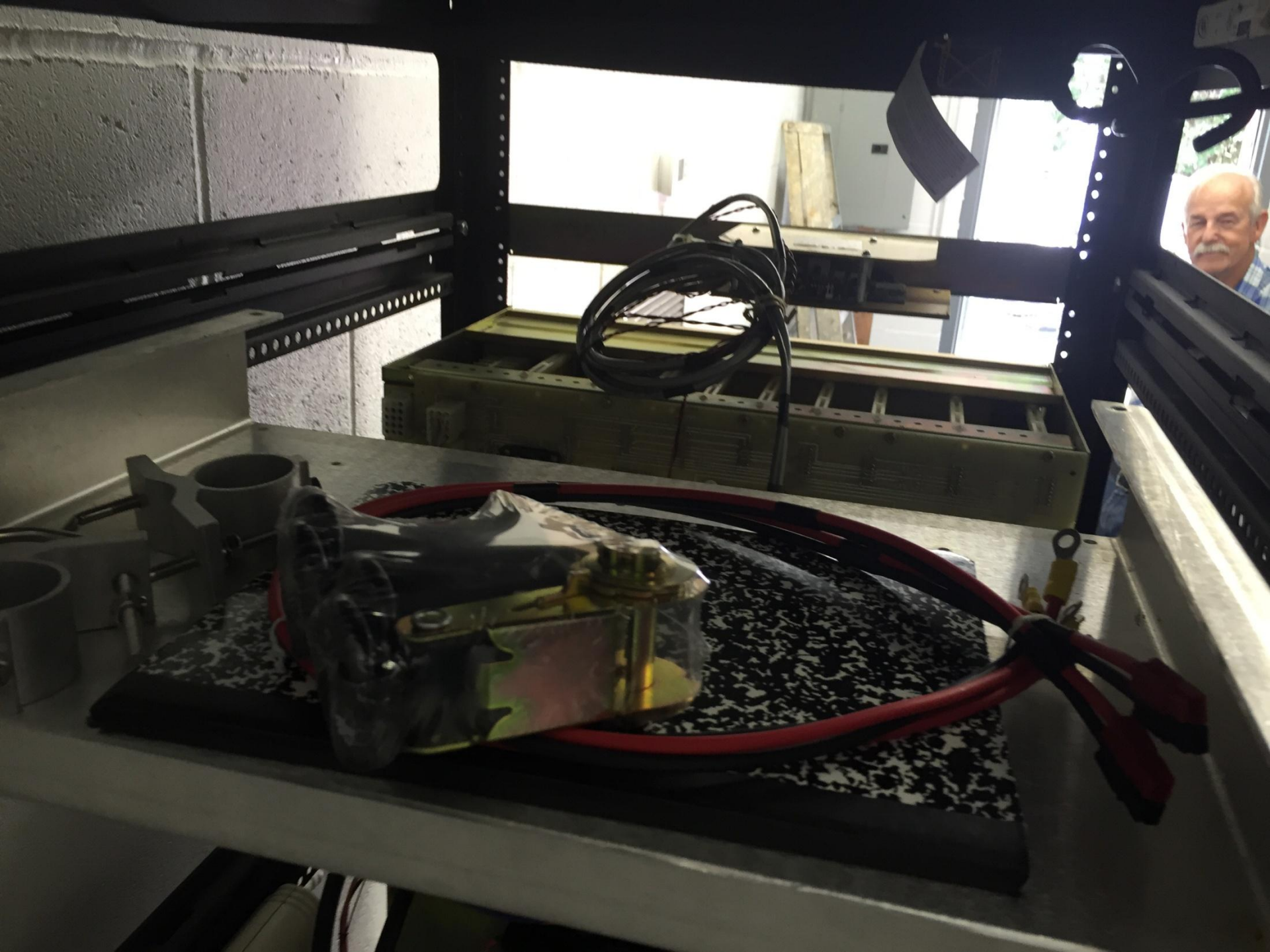


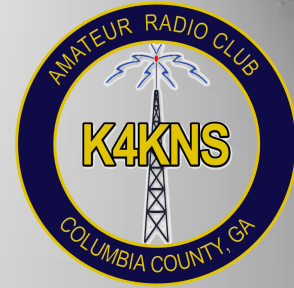
Monday
07-18-2016





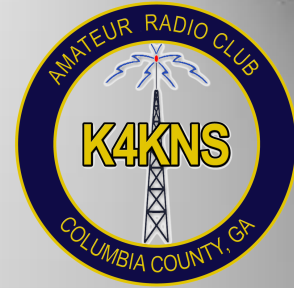
Monday
07-18-2016





COMMITTEE UPDATES

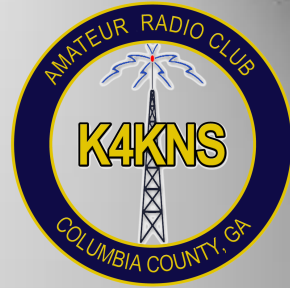
- Repeater Committee
 - Pollard's Corner Repeater Site Update
 - Antenna Installed 07-18-2016
 - Installation Finalization 07-26-2016
 - Operation Footprint to be Conducted



COMMITTEE UPDATES

- Constitution and Bylaws/501(c)3 Committee
 - Bylaws Updates

ARCCC, Inc. Facebook Page



 **Amateur Radio Club of
Columbia County, Inc.**
Non-Profit Organization

[Add a Button](#) [Liked](#) [Message](#) [...](#)

[Timeline](#) [About](#) [Photos](#) [Events](#) [More](#)

Non-Profit Organization · Evans, Georgia

[Status](#) [Photo / Video](#) [Offer, Event +](#)

 Write something...



DONATIONS NEEDED!

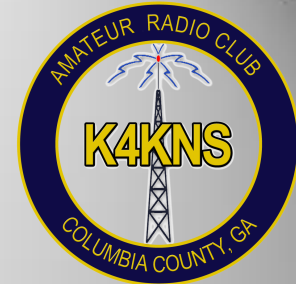
- 146.985 Repeater Building Repair
- Rohn 45G Tower for Sell
 - 18" Face
 - 9 – 10' Sections
 - 1 Section has about 3' which is Bent





MEETING AGENDA ITEMS

- Anyone wishing to place an item on the ARCCC, Inc. Meeting Agenda should provide their request via email to the ARCCC, Inc. President at least 7 days prior to the upcoming meeting.



PHOTOS OF THE HOBBY

- TAKE PHOTOS!!!
- Share the photos with the ARCCC, Inc. Board so they can be placed on the website and other outreach materials.
- Take photos in order so they tell a story in chronological order
- Be certain Camera Date and Time are Correct



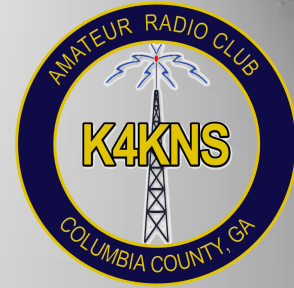
ANY OTHER BUSINESS?

- New Business?



REVIEW

- Review Motions and Assignments



MEETING RAFFLE

- All ARCCC, Inc. Members get a free ticket
- Additional Tickets may be purchased for \$1 each
- Nonmembers may purchase Tickets for \$1 each



THANK YOU!!!