



February 2018



The Newsletter of the Alford Memorial Radio Club

Getting to the Heart Of Amateur Radio

YOU MIGHT HAVE
A FACE FOR RADIO,
BUT I LOVE YOU
JUST THE SAME.



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President's Notes February 2018

Often, I've hear other club members say that the Stone Mountain Repeater is very busy. Hams in the Atlanta area are listening to our 146.760 repeater to talk to elmers, get information, and learn more about the hobby. Thanks to several of our members who get on the air daily and chat with other hams.

Thank you to those who have volunteered to call the Sunday night nets. Calling a net cures mic fright and helps other members get to know you. You also get to practice your radio logging skills. Hats off to Gene N4UJ, Greg KM4RKT, Mike K4MWW, and Raul KM4OXD, for calling the AMRC Sunday night net. If you want to try your hand at calling the Sunday night net, please go to the club [website](#), read and follow the directions for "Net Control Stations Needed".

We were also proud and thankful to Steve N4TTY and Nick N0NCQ for having a great table at Techfest.

We asked you what you wanted from your radio club, and here are the results. Please feel free to suggest topics for meetings and activities.

Events:

1. March 2-11 Totr Explosion Member Contest
2. March 10th—The Atlanta Science Fair
3. March 18— The Publix Marathon
4. April 7th— AMRC Fox Hunt.
5. June 2nd— Atlanta HAM Fest.
6. June 23-24- ARRL Field Day 2018/ AMRC annual barbeque at Stone Mountain Park

Upcoming Programs:

1. April 2018 club meeting- John KM4UJP— Chirp and Programming Your Radio.
2. May 2018 club meeting— Tom W4GIM— Demonstration configuring a FT450D with a SDR Play to give it the feel and application of a software defined radio.
3. June 2018 club meeting— Zargon WB2PSB Experience from Quartz Fest in Arizona.

To stay informed about opportunities for you to get out and play radio, sign up for the [Alford Memorial Radio Club Facebook page](#) And the [Alford Memorial Radio Club Yahoo Group Page](#).

DeKalb Ares- Members are invited to attend the [DeKalb ARES](#) meetings held on the first Saturday of the month to promote communications during emergency drills and disasters. Volunteers are needed to staff the hospital ham radio stations.

SOTA-During the year several of our members will be activating "Summits on the Air". Historic Lighthouses and other interesting sites will be activated. Please try to support these members with contacts and when appropriate, joining them in the activations.

Two hours is not a lot of time to get the business and the program in at monthly meetings. The Executive Committee will look at the possibility of condensing the business portion and focus more on programs, comradery, training, and technical discussions.

Come out and join us and make us better through your involvement, input, and active participation. Our club can be better and better by you showing up. We could certainly use more help.

We are looking for a Program Coordinator to organize monthly meeting speakers and activities. We also need an Apparel Manager to help keep our members meet their apparel needs. We appreciate your consideration.

73,

Mike Smith

KK4KHS

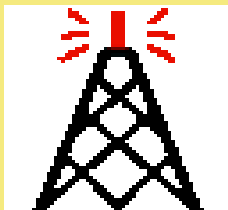


AMRC Upcoming Meetings

February 8, 2018
DeKalb ARES Mission

What We Do and How You Can Help
by Jim Penland, N4RAR and the ARES Crew

The Alford Memorial Radio Club 76 Repeater is located on top of Stone Mountain, approximately 110 ft. up the TV transmission tower. Echolink is often available on this repeater.



Since February of 2015 Kenwood commercial grade repeater equipment has been located at Exchange Park.



April 2018 Meeting:

John, KM4UJP,
Chirp And Programming Your
Radio.



AMRC
FOX
HUNT
April
7th

AMRC Membership

As of February 1, 2018
Total Memberships= 106

Welcome New Members:
Kevin Highsmith, KK4WOG
Richard Morgan, AJ4NI
Wyatt Walker, WA4VMF
Gayle Walker, KB4VFH
Rhett Aultman, KI4FWY

AMRC MEMBERSHIP

To become a AMRC member, or to renew your AMRC membership, please visit our website

<http://totr-radio.org/membership/memapp.htm>

To make changes to your AMRC membership (moved, new email address, new phone number, etc.), please email the Membership Chairman-steve.n4tty@gmail.com

You can **renew or update** your Amateur Radio license information with the FCC at their website for free

[http://wireless.fcc.gov/uls/index.htm?
job=home](http://wireless.fcc.gov/uls/index.htm?job=home)

To update your ARRL information, please visit their website - <http://www.arrl.org>

Membership Chair: Steve Garrison,
N4TTY

Club Dues Help Support Our Repeaters and Club Activities

Club Membership Renewals are due now.

HAPPY BIRTHDAY!!

From All of Us at AMRC

Steve Garrison, N4TTY

Feb 1-	KI4YZM	Laura Hartlage
Feb 2-	KM4VPS	Nancy Martin
Feb 4-	W5NNH	John Kemker
Feb 5-	K4HBI	Mike Swiderski
Feb 6-	KI6IWM	Raphael Silva
	KN4GGI	Doug Rea
Feb 7-	KK4TGR	Hadassah Silva
	KK4MNU	Rick Pawlowski
Feb 8-	AE8DL	Dale Lynch
	K4IHP	Joe Mehaffey
	KK4NJS	Matt Schwab
Feb 10-		Andee Kimsey
Feb 13-	KG4JMT	Reathel Hallett
Feb 15-	WA4YCX	Bobbie Bennett
Feb 17-	KI4RD	Hal Martin
Feb18-	KE4SDO	Vanessa Hough
	KM4FQW	Willie Bannister
Feb 23-	KI4LYL	Jay Barnhardt
Feb24-	KK4NFW	Lori Silva
Feb 25-		Joe Paschal

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"Harold!!! What are you doing wasting money on more USELESS radio equipment!!!"

7AM Saturday Morning Breakfast Club

5259 Stone Mountain Hwy. Stone Mountain, 30087. All Are Welcome.

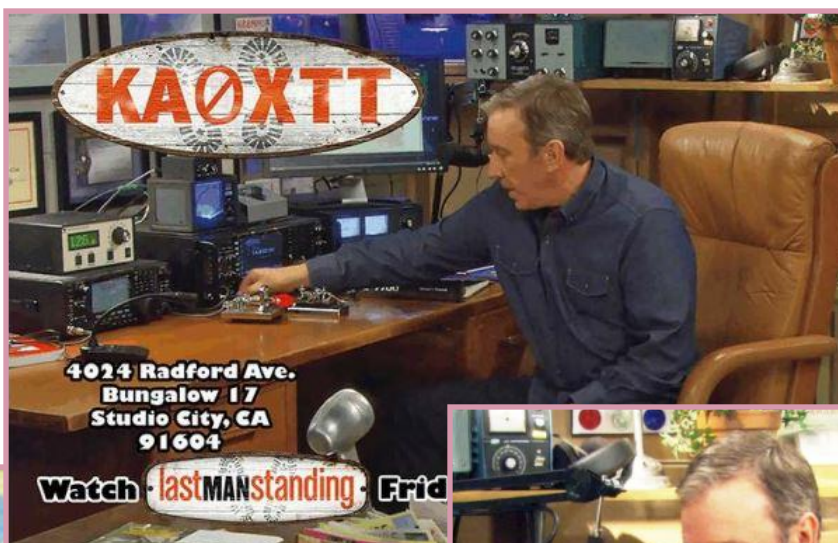
Famous HAM of the Month:

Tim Allen, KD0FZN

Timothy Allen Dick was born on June 13, 1953, in Denver, Colorado, to Martha Katherine and Gerald M. Dick. His father, a real estate salesman, was killed in a collision with a drunk driver while driving his family home from a University of Colorado football game, when Tim was eleven years old. His mother, a community service worker, remarried her high school sweetheart, an Episcopalian deacon, two years after Tim's father's death. He was raised with his many siblings and step-siblings. When Tim was young, his family moved to Birmingham, Michigan.

In high school, his favorite subject was shop, of course, and after high school, he attended Western Michigan University and graduated with a degree in Television Production in 1975. In 1978, he was arrested on drug charges and spent two years in jail. Upon his release, he had a new outlook on life and on a dare from a friend, started his comedy career at the Comedy Castle in Detroit. In August 1996, he developed and unveiled his own signature line of power tools, manufactured by Ryobi. On top of all that, he has his own racing team, Tim Allen/Saleen RRRRacing. In May 1999, he ended his series Home Improvement after eight seasons and in 2001. He has filmed such movies as Santa Clause, Santa Cluase 2, and Toy Story.

Tim Allen in his most recent sitcom, Last Man Standing, his character is a HAM with the call sign KA0XTT. Tim Allen doesn't just play a HAM on TV. He is one in real life. He has earned the call sign, KD0FNZ. To see him talk about the FCC on his show Last Man Standing click [here](#).



Excerpt from IMb Biography



We Had a Great Time at TechFest
Thanks Steve N4TTY, and Nick N0NCQ



6 February 2018

February AMRC Member Spotlight

Nick, N0NCQ

About myself:

I was born and raised circa 50 kilometers north of Cologne in Germany. After a long and interesting accounting career, I immigrated to the United States in 1993 with lots of good hopes for the future. I am very proud of my two daughters and three grandchildren. My landscape business is blooming, sometimes decomposing and then re-emerging from the soil again.

RADIO-active:

In early 2013, I became involved in Ham-Radio - earned my technician license and upgraded to general class shortly thereafter. It is such an addictive hobby to me - so addictive, that some of my other hobbies (chess, mineral collecting and wood-turning), just to name a few, came to a big slow-down.

I am not a big contester and digital modes are not my cup of tea yet (except DSTAR), but I do like to rag-chew on a daily basis on all my available bands. It doesn't matter to me if I transmit to somebody in town or half way around this beautiful planet as long as I have a nice and sophisticated conversation with another ham.

Designing and building antennas is extremely fascinating to me and my ultimate goal is to learn CW. In the future, I would also like to look into satellite-tracking with everything around it. Another part of the hobby I am really into it, is TeleType (TTY). I restored a few machines (model 14 typing perforator, model 15KSR page printer, model 28KSR page printer, Iron Horse tape perforator, WU1-A tape reader - all build before or during WWII and a Siemens T37h - build in 1955) and play with them whenever time is not my enemy. The Siemens machine is online and connected to the i-Telex system, (telex over the internet). My i-Telex number is 212503. Please visit: www.i-telex.net or www.teleprinter.net, both sites are available in German and English.

If you have some old TTY equipment you like to donate, please contact me: creativegardening@hotmail.com

Please visit www.QRZ.com for more about Nick. The above excerpt and more can be found on his QRZ page.



Hello folks !!!

My name is Norbert Nikley, but I just go by

Nick

and I am

RADIO-active !!!



Agnes Scott Announcements: (Steve Vogel, W4PSV)

If you would like to visit the Agnes Scott Shack, future dates include February 9, March 23, April 13, and May 4 at 7:30pm. There is usually a program at 8 on various topics and then the opportunity to visit the shack or look through the telescope. Upcoming programs include.

February 9, 2018– How Jill Tarter changed SETI, and what is next in Alien– hunting.

March 23, 2018– William A. Calder Spring Equinox Ethan Uslan (Tagtime, Jazz, and Stride Piano).

April 13, 2018– Eric Wilcots (University of Wisconsin at Madison)- Seeing the Unseen, the Gas Between Galaxies and why it matters.

May 4, 2018-Britney Schmidt- (GA Tech)- Getting Under Europa's Skin.

If you plan on attending one of these dates contact the AMRC Public Information Head **Steve Vogel, W4PSV** (svdec@bellsouth.net).

HELP NEEDED:

If you are looking for a way to help the club out, become our new **Apparel Manager!** Richard is willing to train you! You will be able added to our **Committee Chair** page in the Totr and be able to check into the **Sunday Night Net** first under committee chairs. You will also be able to help others get their new clothes, and items with their call signs. The AMRC thanks Richard, W4WRD for staying on and for all the work he has done as the Apparel Manager.

If you are interested in helping coordinate programs and activities for the club meetings and extra activities, please contact **Mike Smith, KK4KHS**. We could use your help to make AMRC the **BEST ever!**.

Merchandise from Alford Memorial Radio Club

Stop by the Merchandise table at the next AMRC meeting and order your Ham vest, check out the new AMRC polo shirts with club logo and your call sign. See Richard Dickson, W4WRD or email him at richie707@aol.com with questions about items, or size and cost.

2017 AMRC Officers and Committee Chairs

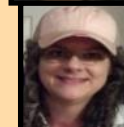
Mike Smith, KK4KHS
President
smithrm71@yahoo.com



Pat De Loe, N4MPC
Vice President
patdeloe@gmail.com



Allison Lynch, AB4YL
Secretary
allison48fan@yahoo.com



Greg Mann, KM4RKT
Treasurer
km4rkt.greg@gmail.com



Gene Blackburn, N4UJ
W4BOC Trustee
g.blackburn@ieec.org



Jim Penland, N4RAR
DeKalb ARES EC

Steve Vogel, W4PSV
Public Information
svdec@bellsouth.net



Richard Dickson, W4WRD
Apparel Coordinator
richie707@aol.com



Steve Garrison, N4TTY
Membership Chairman
Steve.n4tty@gmail.com



Jim Penland, N4RAR
Counsel

Al Hughes, NZ4A
Field Day Chair

Frank Haynes, KV4SP
VE Team Chair

Gretchen Mann, W1MKW
TOTR Editor
gretchelby@gmail.com



The Totr Explosion

A CONTEST FOR AMRC MEMBERS

The contest begins on **Friday, March 2, 2018 at 6:00 PM and ends on Sunday, March 11, 2018 at 11:59 PM.**

Points are awarded for contacts with current AMRC members only.

Bands

UHF/VHF:

2 Meters

1.25 Meters

70 cm

33 cm

23 cm

Any amateur MHz freq

HF:

Any HF frequency on which Technician class license is allowed to operate

Modes

SSB (voice)

FM

Digital (CW is a digital mode)

Contacts may be simplex or club repeaters.

Any station may be worked once per band per mode (Once on simplex or repeater.

These are not two separate modes).

Suggested Simplex Frequencies

(these are only suggestions; any frequency available to technician class is allowed)

Voice, CW, Other Digital

146.505 144.03 145.07

446.00 432.075 430.45

52.525 50.050 50.530

28.345 28.050 28.150

3530

7090

21050

Scoring

2 points for each voice contact with a New Member*

1 point for each voice contact with an Old Member*

2 points for each digital and CW contact

1 point for each time checked into the following nets:

AMRC Nets:

Want/Swap/Sell Sunday Night Net

Turnip Truck Net

Brown Bag Lunch Net

1 point to the Net Control Operator for calling one of the above nets

The NCS of any net cannot work stations checking in as an EXPLOSION

contact. EXPLOSION contacts may be made prior to and after the net.

* New members are those who have joined AMRC since February, 2017. Old members are those who have joined AMRC prior to February, 2017. Anyone who was a member in the past but has not been a dues paying member for at least 1 year prior to rejoining after February, 2017 is considered a new member for purposes of this contest.

Awards

Gift cards will be awarded for the top five scores. All participants who turn in a log receive a certificate.

Logging

Exchange:

The Call Sign of station contacted/Net Name, New/Old, Frequency, Mode, and Date of Contact.

A CQ Example: CQ CQ CQ Alford Memorial Radio Club Members for the TOTR Explosion contest, this is KK4KHS/O (the /O is for Old Member; If KK4KHS was a New Member, he would say KK4KHS/N).

Logs must be submitted electronically by midnight on March 25, 2018 to

ACLLYNCH@HOTMAIL.COM. An Excel spread sheet log will be uploaded to the club Facebook page & Yahoo site, as well as emailed out on the Club's Yahoo email reflector.



"Two foxes have been spotted East of Atlanta area! It has been reported that W4BOC-fox1 was heard on Rock-bridge Rd. this morning.

It has also been reported that W4BOC-fox2 could be heard from close to W4BOC-fox1's location on a frequency yet to be disclosed."

Calling all area Amateur
Radio Clubs

Get your Fox hunting Team
together! Tentative date
Saturday, April 7th. We'll
have BBQ Fox after the
hunt!!!



Upcoming Events:

1. Top of the Rock Explosion– AMRC licensed HAMs earn points by talking to one another on the radio in a friendly contest.
2. March 10th—Volunteer for the Atlanta Science Fair Table– Piedmont Park.
3. March 18– Volunteer for the Publix marathon to help as a HAM with radio communications during the race.
4. April 7th– Join our team or assist in the festivities during the AMRC Fox Hunt. We will field a team to compete with other clubs, as well as hide the Fox. There are also opportunities to help with the meal afterwards.
5. June 2nd– Volunteer to help out at the club table during the Atlanta HAM Fest.
6. ARRL Field Day 2018 at Stone Mountain Park and AMRC yearly barbe-que.



YLRL

To find out more information about the Young Ladies Radio League, click [here](#).

Parks On The Air

To get started with POTA! Work mobile to activate our Parks. Click [here](#) to get info. on starting.

EXTRA! EXTRA!

State Net Listings:

Georgia State SECTION HF NETS!!!!

- Georgia ARES Statewide 3975 KHz 2200 UTC Sunday K4GK Net Manager
- Georgia ARES Digital 3583 KHz 2100 UTC Sunday K4GO Net Manager
- Georgia Single Sideband Net 3975 KHz 7 PM Daily KE4VPD Net Manager
- Georgia Traffic & Emergency Net 3982.5 KHz 7:15 Daily KI4NGD Net Manager
- Georgia Cracker Net 3995 KHz 7 AM M-Sa & 8 AM Sun AF4XZ Net Manager
- Georgia Traffic Net 7287.5 KHz (3587.5 Alt) Mon-Sat; WA0CGZ Net Manager
- Georgia Training (CW) Net 3549 KHz slow speed CW; 9 PM Daily; KG4FXG Net Manager
- Georgia State Net (GSN) 3549 KHz 7 PM & 10 PM Daily; K4GK Net Manager

Georgia ARES Web Site, Check it out!!!

<https://gaares.org/index.php>

Peach Corner Recipe of the Month

Easy Brunswick Stew

Ingredients:

4Tbs Butter
3 Cloves of Garlic minced
1 Lg Vidalia Onion Chopped
1 15 oz Can of Fire Roasted Tomatoes with the juice
4 C of Homemade Chicken Stock
1 1/2 C Barbeque sauce
2 Tbs of Worcestershire sauce
1 Tbs Light Brown Sugar
1/4 tsp of Cayenne Pepper
1 1/2 lbs smoked pulled pork
8 oz frozen corn kernels
8 oz frozen lima beans
Pinch of salt and ground pepper

Instructions:

1. Melt butter in a large Dutch Oven. Once melted and foamy add garlic and onions and sauté until soft about 4 minutes.
2. Stir in all other ingredients.
3. Bring mixture to a boil and reduce to simmer and cook over low medium heat until thick and stewy (About 1 1/2 hours) Stir occasionally.

Mike Smith KK4KHS

Please send recipes to Gretchen Mann, W1MKW at gretchelby@gmail.com

- ♦ Monthly club meeting is the 2nd Thursday of the month at 7:00pm
- ♦ Every Sunday at 7:00 pm: AMRC Sunday Night Net on the 146.760 repeater.
- ♦ Every Sunday at 8:00 pm: DeKalb ARES Net on the 145.450 repeater.
- ♦ Every Saturday at 7:00 am: AMRC Weekly Breakfast, Metro Café Diner, Stone Mtn, Ga.
- ♦ Turnip Truck Net at 11pm Saturday Night



\$\$ Buy Sell or Swap \$\$

For sale by Gene Blackburn N4UJ

1. QST magazines from the estate of Butch, W4MZQ, in very good condition:
These are from 1969-1973, missing only 5 issues. 55 issues total. \$10 for the whole box.

2. Vintage Collins equipment from the estate of Carter, K4CB. This was considered the absolute best ham equipment back in the 60's and 70's, built in Cedar Rapids, IA . Collins equipment was used by the US military and its allies during WWII, Korea, and the cold war. It was built with military grade parts and can still hold its own today:

KWM-2 SSB/CW transceiver, Serial #15532. It has the desirable "plug-in" control relays. It can operate anywhere from 3-30 MHz with the proper crystals. Crystals are installed for 80, 40, 20, 15, and (2) 200kHz. segments of 10 meters. It does not operate on 160 meters. I would like to get \$700 including the 516F-2 AC power supply and manual. This rig is very clean and fully operational with no issues.

Contact Gene N4UJ

678-227-3401 or g.blackburn@ieee.org

For Sale by Rick, KK4NMU

Please contact him at rickp27@bellsouth.net or call 404-556-9197.

Manufacture	Discription	Model 878A		Price
	Coaxial cable	RG8X	50'	\$25.00
Mega Watt	Power Supply	S-400-12		\$50.00
BK Precision	LCR Meter	Model 878A		\$75.00
Aoyue	Solder Station	Int 9378		\$80.00
DZ	Vacume Desoldering Station	985		\$125.00
Weller	Solder Station	WTCP		\$50.00
	Coaxial cable	RG8	6'	\$10.00
	Coaxial cable	RG8xX	25'	\$20.00
Kenwood	Headphones	hs-5		\$25.00
	Wire Antenna			\$25.00
Simpson	Multi Metere	260		\$100.00
Astron	Power Supply	RS-35M		\$100.00
MFJ	Tuner	969		\$175.00
	Audio Generator	RAG-101		\$100.00
MFJ	Power Supply	4245MV		\$145.00
ICOM	HF Transceiver	718		\$550.00
MFJ	SWR/Watt Meter	874		\$80.00
MFJ	Antenna Analyzer	259 C		\$210.00
ICOM	COMUNICATIONS Receiver	7000		\$300.00

Tip Of the Month:

By Pat De Loe N4MPC

Coax when disconnected from the radio is like a snake. It will slither off and you will be on your hands and knees fishing the coax back up to the radio. Use a paper clip to attach the coax to a convenient location.



January NETS REPORT

AMRC		DeKalb ARES			Turnip Truck	
Sunday Night Net			RF	Winlink/DRats		
Jan 7	36	Jan 7	20	8/6	Jan 6	12
Jan 14	36	Jan 14	23	11/8	Jan 13	20
Jan 21	31	Jan 21	18	11/7	Jan 17	11
Jan 28	32	Jan 28	16	12/7	Jan 27	14

AMRC CALENDAR OF EVENTS FOR February 2018

Sun	Mon	Tues	Wed	Thurs	Fri	Sat
				1.	2	3 7am Breakfast at Hardees 11pm Turnip Truck Net
4 7pm AMRC Sunday Night Net 8pm DeKalb ARES NET	5	6	7 8pm Em Com RagChew Net	8 AMRC Monthly Meeting— Annistown Road Baptist Church	9	10 7am Breakfast at Hardees 11pm Turnip Truck Net
11 7pm AMRC Sunday Night Net 8pm DeKalb ARES NET	12	13	14 8pm Em Com RagChew Net	15	16	17 7am Breakfast at Hardees 11pm Turnip Truck Net
18 7pm AMRC Sunday Night Net 8pm DeKalb ARES NET	19	20	21 8pm Em Com RagChew Net	22	23	24 7am Breakfast at Hardees 11pm Turnip Truck Net
25 7pm AMRC Sunday Night Net 8pm DeKalb ARES NET	26	27	28 8pm Em Com RagChew Net			

Activities

Date	Event	Website	Location / Notes
Monthly	Club Meetings	First Thursday of Month → Second Tuesday of Month → Second Thursday of Month → Third Tuesday of Month →	Atlanta Radio Club www.atlantaradioclub.org (Atlanta) Gwinnett Amateur Radio Society www.gars.org (Lawrenceville) Alford Memorial Radio Club www.totr-radio.org (Stone Mountain) North Fulton Amateur Radio League www.nfarl.org (Alpharetta)
Second Saturday of the month	North GA QRP Club meeting	www.nogaqrp.org	This small, but growing, group of amateur radio enthusiasts, most of whom are within 90 miles (and more) of Atlanta, are interested in promoting the development of low power amateur radio known as QRP. Meetings are normally held at the Shepherd Center , 2020 Peachtree Rd., NW Atlanta, GA 30309
Second Sunday of the month	Sunday Tech	SecondSunday.tech	2:00 – 5:00 PM at the DeKalb Peachtree Airport . This is a monthly hands-on technical session for hams and people interested in Amateur Radio activities. Check website for any changes in location.

The AMRC Nets

The Alford Memorial Radio Club is currently holding 4 weekly on-air Amateur Radio Nets.

The purpose of our nets includes:

1. Testing and using our equipment; being prepared to support communications in emergency situations
2. Sharing information about Alford Memorial Radio Club and upcoming activities and events.
3. Sharing our recent Amateur Radio Activities
4. Emergency Communications Topics
5. Having Fun!

Our Nets include:

*Sunday Night Net: 7pm on the Stone Mountain Repeater which is 146.760 (-) PL 107.2

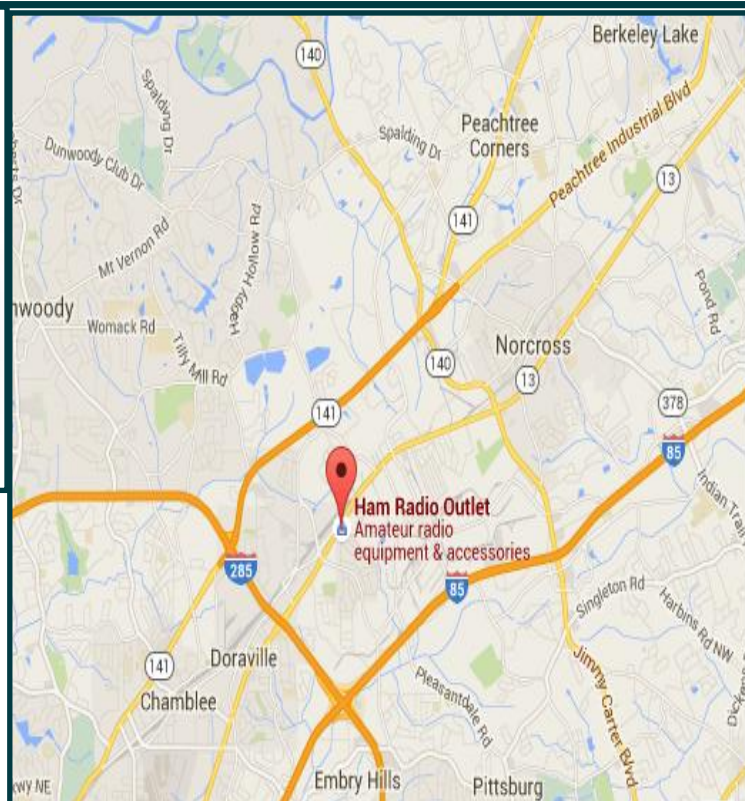
*DeKalb ARES Net Sunday evening 8pm on the 145.45 (-) 107.2 repeater located in Dekalb County at Exchange Park.

*The Turnip Truck Net, - Every Saturday night from 11pm until done General Rag chew, and fun topics. 146.760 (-) PL 107.2

The EMCOMM Rag Chew Net- Wednesday evening at 8pm on the Stone Mountain Repeater . 146.760 (-) PL 107.2

* The Brown Bag Lunch Net is occasionally on weekdays at lunchtime on the Stone Mountain Repeater. 146.760 (-)PL 107.2

You do not have to be a member of the AMRC to Join us. We love hosting to visiting Hams.



ATLANTA, GA:

Store Hours:

10AM-5:30PM Mon - Sat

Telephone hours:

9:30AM-5:30PM Mon-Sat

LOCAL: 770-263-0700

FAX: 770-263-9548

Special Thanks from the Editor (W1MKW) to:

1. Steve Garrison N4TTY– Membership Numbers and Birthdays
2. Mike Smith KK4KHS– President's Notes/ Upcoming Winter events/ Brunswick Stew Recipe
3. Greg Mann KM4RKT Net #s
4. Pat DeLoe N4MPC– Tip of the Month
5. Nick, N0NCQ– Member Spotlight of the Month.

Click [here](#) to view the Youtube Videos about Excitement in Ham Radio in the 1930s. Enjoy!

Click [here](#) to go to the Youtube video to hear the top 100 words in the English language in Morse code.

ARRL Contest Calendar

<http://www.arrl.org/contest-calendar>

February 2018

12-16 [School Club Roundup](#)

17-18 [International DX – CW](#)

March 2018

3-4 [International DX– Phone](#)

Hamtoons
CARTOON QSLs
-- AND MORE!
Jim Massara,
N2EST
n2est@hamtoons.net

L&M Mobility

Robert (Mike) Smith
5191 La Paloma Dr.
Lilburn, GA 30047
Phone (404)-509-3104
Smithrm71@gmail.com
SERVICE & REPAIR
Power Chairs • Lift Chairs • Scooters