

March 2018

The Newsletter of the Alford Memorial Radio Club



"Sign Up For The AMRC FOX Hunt, Ya Big Dummy!"- Redd Foxx



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President's Notes March 2018

We are in the middle of the Top Of The Rock Explosion contest. I'm enjoying talking more on our great repeaters. March is here and with it comes Daylight Saving Time (March 11 @0200 Hours), Saint Patrick's Day (March 17), and the Spring Equinox (March 20 @ 1215 Hours).

First day of Spring

In the October 2017 the Old Farmer's Almanac predicted a wet and mild winter for our area. However, as winter began here in Georgia, we experienced some early snow and frigid temperatures and I remember thinking the Old Farmer's Almanac really missed the mark this season.

On February 2, at Gobbler's Knob, the seemingly immortal groundhog Punxsutawney Phil cast his prediction for six more weeks of wintery weather. He saw his shadow and decided to return to his humble abode and resume his long winter's nap. Today, only a few weeks later, as I write this edition of the President's Notes, we are experiencing our second day of Spring-like weather with temperatures expected to reach the mid-seventies. Although he has been making predictions for more than one-hundred years, Punxsutawney Phil has been known to be wrong quite often.

Likewise, propagation predictions, while certainly based on more science than immortal rodents and tea leaves, are just that, predictions. They can be misleading. It is next to impossible to navigate the myriad of Amateur Radio sites on the internet without reading about the dismal band conditions. But, even on the worst of band condition days, firing up the rig can yield some pleasant surprises.

I check the local weather forecast at least daily, as I plan my activities. I typically step outside to get some ground-truth before heading out for the day. There have been several times the forecast has been misleading. The same is true for radio. I often check the propagation predictions, if I am planning on operating. Even when the conditions are predicted to be poor, I will get on the air to see for myself. This afternoon, if all goes well I hope to get outside with my radio gear and enjoy a little of this unseasonably nice weather.

I am happy to announce that the AMRC will be holding a Spring Fox Hunt. This will take place on April 7th and there will be a barbeque following the hunt at the endpoint. There will be a 7\$ charge to enjoy the feast, please go to the club website to RSVP and pay for the meal.

Upcoming events are:

- 1. Publix Marathon, March 18 th
- 2. The Atlanta Science Festival's Exploration Expo Piedmont Park from 11am to4pm. March 24 th .
- 3. Fox Hunt April 7th / BBQ lunch.

See you all there. 73!

Mike Smith, KK4KHS



AMRC Upcoming Meetings

March 8, 2018 7:00pm Steve Garrison, N4TTY

FlexRadio Remote Operations

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 March 1, 2018 Total Memberships= 114

No New Members.

Dues are \$30 for the year. Please pay your dues this month. See below for details.

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

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.

HADDY BIRTHDAY!!

From All of Us at AMRC

Steve Garrison, N4TTY

Mar 3- Jerry Hundley K4IT

Mar 4- Joline Maxfield

Mar 4- Bill Santanglo KM4EQS
Mar 5- Pat De Loe N4MPC
Mar 5- Lihua Fu KJ4LUT
Mar 6- Rich Arland K7SZ
Mar 7- Matt Moore KM1FDM

Mar 8- Mac McGuirt K2TEC
Mar 9- David Smith KV4WH

Mar 9- Hugh Barnhardt KI4LYM Mar 9- Elliott Fried KJ4COJ

Mar11- Mike Smith KK4KHS Mar12- Jay Sager WA4BXA

Mar15- Ed Honeycutt WA4VFH Mar17- Jim Penland N4RAR

Mar17- Patrick McCullough KG4KKN

Mar17- Gene Blackburn N4UJ Mar19- Jody Ackermann KC8KDC Mar21- Greg Foster KW4JK Mar24- Mark Fehlig WA6NGC

Mar28- Matt Blackburn KE4RED

Mar30- Susan Coletti

Mar31- Barry Woodward W4ZOT

Did you hear about the two antennas that got married?

The wedding was terrible but the reception was great. (W4TGA)

7AM Saturday Morning Breakfast Club Hardees

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

Famous HAM of the Month: W9IMS Indianapolis Motor Speedway Radio Club

The Indianapolis Motor Speedway officially opened with balloon races June 5, 1909, followed by motorcycle races Aug. 14 and automobile races Aug. 19. To this day it is one of the most famous racetracks in the United States of America and is filled with racing fans of all kinds every year. While the Alford Memorial Radio Club is a separate entity from Stone Mountain Park, so is the Indianapolis Motor Speedway Radio Club from the racetrack.

500 Miles to Immortality (excerpt from QRZ, please see QRZ for more)

After a number of years meeting with the Speedway about the possibility of operating a special event station during the Indy 500, the owner of The Saturday Evening Post and club member Beurt SerVaas - W9WVO (SK - 2014) met with Indianapolis Motor Speedway CEO Tony George in April 2004, and on May 25, 2004, W9IMS became the Official Amateur Radio Club of the Indianapolis Motor Speedway -- the first time in history that a ham radio club had received this designation. W9IMS conducts special event operations for all three races that make up the Triple Crown on Indy's legendary 2-1/2-mile oval - the Indianapolis Motor Speedway. These events are the Grand Prix of Indianapolis, the Indianapolis 500, and the Brickyard 400. 2011 was a sad time for our club. Our benefactor, Mike Koss - W9SU, died and we lost our club station. Thanks to the generosity of two of our members, Jay Kraus - W9TC and Tom Chance - K9XV, the club is now running from their stations. 2013 was the first year we worked remotely. Thanks to Jay Kraus - W9TC, Jim Rinehart - K9RU, and David Spoelstra - N9KT for making that happen. In 2014 we set our all-time QSL record with 18,255 QSOs during the four races. 2015 was the final year for the Indianapolis MotoGP race. In 2016 we had a four-sided full-color QSL card commemorating the 100th running of the Indianapolis 500.

A high-quality photo certificate will be available for <u>working the following three</u> races in the same year:

- 1. The Grand Prix of Indianapolis
- 2. The Indianapolis 500
- 3. The Brickyard 400

The cost for printing the certificates and the cards comes from your donations and out of our own pockets. We are **NOT** supported by the Speedway.

For direct QSL requests, we must insist on an SASE with your QSL card containing the date, time, band, mode, and report of the QSO. NO SASE, NO W9IMS CARD - NO EXCEPTION. To apply for a certificate, please send \$5 and the QSO data for all three events that you worked!

Indianapolis Motor Speedway Amateur Radio Club P.O. BOX 30954 Indianapolis, IN 46230 USA

Hams, Start your Engines!

Top of the Rock Repeater:

Thanks Barry Kanne, W4TGA for first using your personal Power Supply (out of your RV), and then installing the new power supply. It kept us on the air, while you vacationed without your radio. Thank you for your sacrifice and hard work.









March 2018 AMRC Member Spotlight Pat De Loe N4MPC

I was first licensed in 1985. I enjoy HF and 2 meter rag chewing and working DX. I enjoy experimenting and building circuits and antennas. I am a VE and active in ARES.

Came into the world in Gainesville, Florida. Lived in Orlando, Florida from 1950 until 1967 and then moved to Decatur, Georgia where I now live. Drafted into the Army in 1969 and served in Germany. I took an European out and traveled for a year in the following countries - France, Spain, England, Holland, Austria, Switzerland, Italy, Yugoslavia, Greece, Turkey, Israel, Iran, Afghanistan, Pakistan, India and Nepal. I have also been to Canada, Mexico, Costa Rica, Puerto Rico, Uruguay, Argentina, Lichtenstein, Luxembourg, Belgium, Denmark and several times on business to China, Japan and Korea.

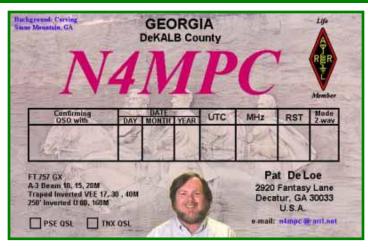
After returning home, I attended Georgia Institute of Technology and graduated with a Bachelor of Electrical Engineering. I work as a R.F. design engineer. Primary design has been with frequency hopping and direct sequence spread spectrum systems in the 800MHz, 900MHz and 2.4GHz bands. Have four CDMA cellular telephone patents (5,488,332, 5,602,513, 5,603,113, 5,649,288, 5,893,030).

Other hobbies include playing the guitar, which I have done from age 14, and camping.

I have a daughter Michelle KM4FPO.

Happy Hamming 73's Pat N4MPC





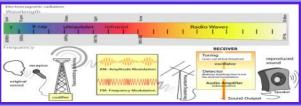
Pat currently serves as the AMRC, vice president. He is often the Tip of the month. Thanks for all you do Pat!



Ruth Willet, KM4LAO

"I would encourage people to consider exploring amateur radio because it's a hobby that allows you to explore anything from technical electronics to international friendships. Amateur radio is open to anyone. It will help develop your professional and personal skills, participate in and learn from fascinating activities, and connect with an incredible community."

Out of the mouth of babes.! Ruth maybe 21 and an adult in the legal world, but in HAM radio years 21 is an infant. Do not underestimate this amazing amateur radio operator. There are some amazing folks in this hobby, but few leave me in utter awe with their expertise of their hobby and their drive to get out and practice their knowledge. Ruth does both. She is also kind and has one of the best hearts of anyone I have ever met. If you have never met Ruth or if you know her dearly, please check out this article about her from Kettering University. Thank you Ruth for promoting our hobby through example and your inspiring words. In her, there is hope for HAM survival. No pressure, Ruth! Click **Here** to read the article about Ruth..





Totr Explosion Logs Due!

Logs must be submitted electronically by midnight on March 25, 2018 to ACLLYNCH@HOTMAIL.COM.

Contact Allison if you have questions. Good Luck!





Totr Ponder Thoughts by Barry Kanne, W4TGA

When considering the purchase of a new antenna, you consider many things like wind loading or in some places ice loading. But I wonder if the manufacturers ever consider bird loading? (Image lower left)

Agnes Scott Announcements: (Steve Vogel, W4PSV)

If you would like to visit the Agnes Scott Shack, future dates include 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.

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).

Greg Mann and Ruth Penland visiting the Agnes Scott HAM shack.



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.

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.

2018 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@ieee.org

Jim Penland, N4RAR DeKalb ARES EC

Steve Vogel, W4PSV Public Information sydec@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





















Exchange Park Repeater Site:
Thank you George Olive AI4UR and Jim
Penland, N4RAR for setting up the Internet
Connection!







Upcoming Events:

- 1. March 10th—Volunteer for the Atlanta Science Fair Table– Piedmont Park.
- 2. March 18– Volunteer for the Publix marathon to help as a HAM with radio communications during the race. Click <u>here</u>. We still need HAMS.
- 3. 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. To RSVP to eat click here.
- 4. April 14, 2018– The GA QSO Party Contest. Click <u>here</u> for more information.
- 5. June 2nd—Volunteer to help out at the club table during the Atlanta HAM Fest.
- 6. June 23-24 ARRL Field Day 2018 at Stone Mountain Park and AMRC yearly barbeque.

Judi Kanne K4JLK

The Alford Memorial Radio Club is very proud of Judi Kanne, K4JLK. She wrote an amazing article in the March edition of Atlanta Senior Life about HAM radio operators who work behind the scenes of races to keep the runners safe. Thank you for writing such an accurate tribute to our working hobby. To read the article please click here. Go to page 6 to find the article and enjoy. Judi is a member of DeKalb Ares with her husband, Barry, W4TGA. Judi is a retired nurse and currently writes on topics concerning health.



To join these amazing amateur radio operators in your community, volunteer for the Publix Marathon by clicking here. Volunteer for the Peachtree Road Race by clicking here. DeKalb Ares is also looking for HAM radio operators to participate on teams that man the amateur rigs at our hospital and community health facilities in DeKalb. Contact Jim Penland, N4RAR if you have an interest on being on a team that serves our hospitals. The program needs you. Jim can also get you information on joining DeKalb ARES.

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

Cornbread Sausage Apple Pie (breakfast) Heat Oven to 400 degrees serves 5-9

- 1. Ahead of time brown to a crumble 1# of pork Sausage and drain and set aside.
- 2. 45 min before serving, mix the following:
 - 1- 8.5ounce box of Jiffy corn meal1.5 Cups of buttermilk
 - 1 egg beaten
- 3. Stir in the sausage
- 4. Place 10" corning ware with one Tablespoon of oil in the hot oven for 5 minutes until hot.
- 5. Pour Batter into heated corning ware and bake for 25-30 minutes.
- 6. While baking mixture open 1– 21 ounce can of Apple pie filling and pour into a sauce pan.
- 7. Add 1 Tablespoon of sugar and 1/8 tsp of cinnamon.
- 8. Stir and heat slowly, stirring often so not to burn until thoroughly heated.
- 9. Stir over hot cornbread.
- 10. Serve Hot.

Send recipe ideas to Gretchen Mann, W1 MKW 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



Tip Of the Month:

By Dale Lynch AE8DL

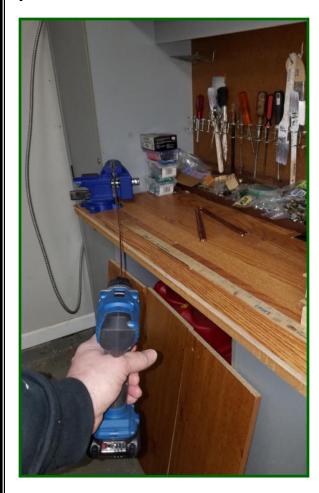
Wire Straightening

If you have ever tried to straighten solid wire, then you know what a challenge it can be. It takes tedious amounts of time and the results are usually disappointing.

A quick search on Youtube will teach you an idea that is so simple, you will kick yourself for not thinking of it.

Cut your wire to length and place one end firmly in your bench vise. Take the other end and place it in your drill. Tighten the chuck and turn on the drill until the wire is straight. So simple!

Because it is impossible to give proper credit for this idea to any one person, I think it fitting to just say, "Thank you to all the creative people who try to make our projects easier!" - Dale Lynch AE8DL





The AMRC FOX Hunt April 7, 2018 0845-1200 EST

Information, Rules and Regulations:

- There will be a mature Fox to locate (2 Meter). Then the search will continue to find the ultimate critter, a baby Fox (70cm), which could be hiding somewhere and as you know baby critters are very secretive and like to hide.
- The foxes will not change antennas, power level or antenna polarization during the hunt.
- The start location will be at the old Gander Mountain/Hobby Lobby parking lot. (1150 Scenic Hwy, Lawrenceville, GA 30045)
- The start time will be 0900 EST. Please arrive no later than 0845 so you will have time to fill out a signup sheet and do a final check on your gear.
- A Fox hunt staff person will be at the start location providing any relevant information.
- The Hunt will officially be over at 1200 EST. For those who haven't found the Fox a location will be broadcast on the AMRC repeater. (146.760- / PI 107.2) and the 2M fox frequency.
- The first to find the baby Fox is the winner.
- No Doppler units are eligible to compete for this hunt. However they are invited to hunt in a non-competitive manner.
- All Fox hunt searches for the mature Fox will be on public property and roads. The baby Fox may be on private property with the search information provided upon reaching the mature Fox.
- There is no cost for the Fox Hunt. A Bar B Que lunch will be available following the hunt for a \$7 fee. Sign up and payment for the meal will be found on the Alford Memorial Radio Club website (totr-radio.org).

Adherence to all traffic laws are mandatory.

BUY, SWAP, and SELL

1. Kantronics KAM Plus TNC-75\$

Hardware Terminal Node Controller, supports VHF and HF (dual port), comes with both sets of cable and powerpole power cable. Has latest firmware installed

2. Deltron Battery 12V Lithium Battery-75\$

12V Lithium Crank Battery-21-24Ah SLA equivalent. Will run a mobile rig for several hours. Weighs less than three pounds. Contact Greg Mann by email- km4rkt@arrl.net

3. Yaesu FT-920 HF Rig- One owner bought in 1998. 100 Watts. 600\$ Internal Tuner stopped working so you will have to either use resonant antenna or External Tuner. Manual included.

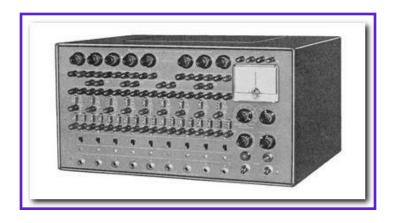
Includes hand mike MH-31 and desk microphone MD-100. No power supply included.

4. Kenwood 1970's TS120S. with PS-30 DC power supply and hand mike \$150

Contact Karl Phillips K4GZZ Cell 770-617-5723.

What In the World is This?

From Tom Roderick WA4GIM Email gretchelby@gmail.com with your answers.



February NETS REPORT

AMRC		DeKalb ARES			Turnip Truck	
Sunday Night Net			RF	Winlink/DRats		
Feb 4	12	Feb 4	16	8/8	Jan 6	12
Feb 11	19	Feb 11	16	10/9	Jan 13	20
Feb 18	23	Feb 18	15	13/12	Jan 17	11
Feb 27	33	Feb 25	16	11/11	Jan 27	14

AMRC CALENDAR OF EVENTS FOR March 2018

Sun	Mon	Tues	Wed	Thurs	Fri	Sat
				1.	2	3 7am Breakfast at Hardees 11pm Turnip Truck Net
7pm AMRC Sunday Night Net 8pm DeKalb ARES NET	5	6	8pm Em Com RagChew Net	8 AMRC Monthly Meeting— Annistown Road Baptist Church	9	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 Publix Marathon	19	20	21 8pm Em Com RagChew Net	22	23	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	29.	30	31 7am Breakfast at Hardees 11pm Turnip Truck 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.			

Extra! Extra!

Will Technician Licensed HAMs Have More HF Band Privileges?

The ARRL has asked the FCC to expand the technician HF bands in hopes of drawing people to the hobby. To read about the ARRL and this recent request. Click here.

The Totr is currently looking for your opinion on the ARRL's request. The Totr will publish select opinions in next month's edition. Please submit your letters to the editor to gretchelby@gmail.com with "ARRL" in the subject line. Thank you for your submissions.

HAMS Helping Hams Initiative

Rachel Wills, KN4FTZ needed to get a multiband antenna higher in the air. Due to the landscape of her backyard, she had to ask a neighbor's permission to put up an end fed wire. Thanks to our Hams Helping Hams Initiative (HHH), with a little help from her friends, Rachel's antenna is approximately 30 feet in the air. Thank you Mike.

KK4KHS,
Mike
K4MWW,
and Greg,
KM4RKT.
Need help?
The AMRC
is a
community
of Hams
Helping
Hams.





Norcross

140

Berkeley Lake

Spalding Dr. Peachtree Corners

130

Woody Womack Rd

Woody Womack Rd

Woody Womack Rd

Amaleur radio equipment & accessories

140

Doraville Chamblee

Embry Hills Pittsburg

<u>ATLANTA, GA:</u>

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
 - 3. Greg Mann KM4RKT Net #s
 - 4. Pat DeLoe N4MPC- ARMC Member Spotlight5. Dale Lynch, AE8DL- Tip of the Month
 - 6. Judi Kanne, W4JLK, Atlanta Senior Life Article

Extra News:

Click <u>here</u> to read about Georgia joining National First Responders Network.

Click <u>here</u> to read about Emergency Communications Driving Increase in Amateur Radio Operators.

A special thanks to Barry Kanne, W4TGA and Tom Roderick, WA4GIM for sending items for the Totr. Your submissions made this months Totr a lot of fun to organize and hopefully for our readers, a lot of fun to read.

The AMRC would like to thank George Olive, AI4UR for presenting at the February Meeting.



ARRL Contest Calendar

http://www.arrl.org/contest-calendar. Or click <u>here</u> to go to contest page.



Power Chairs Lift Chairs Scooters