



# July 2018



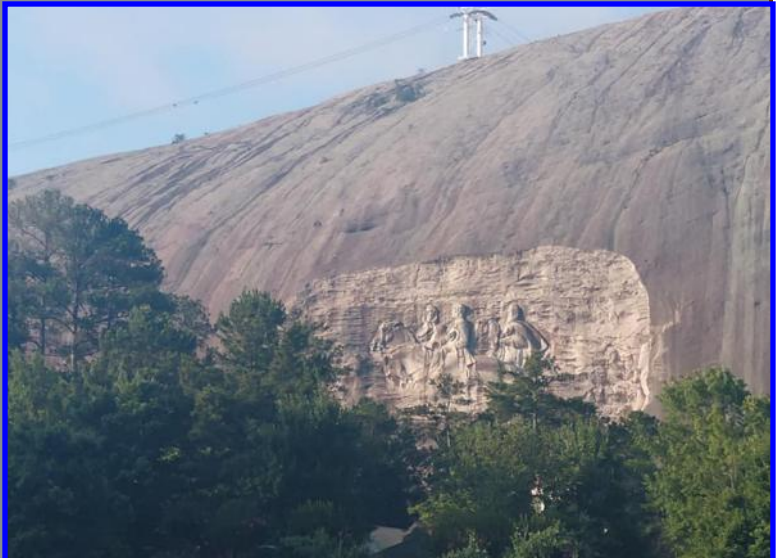
## The Newsletter of the Alford Memorial Radio Club

### Special Totr Edition: Field Day Photo Album



#### July Issue Contents

- President's Notes
- Meeting Information
- Membership Page & Birthdays
- Field Day Photo Album
- Behaviors to Avoid
- Nikola Tesla
- Calendar for July 2018
- How HAM Radio helped Save the Thailand Soccer Team.



1 July 2018

# President's Notes July 2018

We're now in the planning stages for our annual club fundraising event, The Stone Mountain Hamfest. Several of you have stepped up in the past, and we hope you'll help once again to promote the hobby and support your club. The Stone Mountain Hamfest accounts for over 80 percent of our annual operating budget. Its proceeds pays for our meeting room, antenna rental space, power, insurance, and storage space. We've already updated our website and online ticket sales will start on Aug 1<sup>st</sup>. We will start having operational planning meetings the second week of August. If you want to help, please attend these meetings. If you don't want to help, that's ok too, just remember to buy a ticket to show your support of the club. There are many jobs at Hamfest. Some are very easy, and can even be done while sitting in a chair, but all are important.

This year has been busy for AMRC. Our club members have helped with several public service events like the most recent Peachtree Road Race, the Tour de Cure, and the Publix Marathon as just a few. We appreciate our members' dedication to further the hobby of amateur radio and public service in our area. Don't be afraid to volunteer for these events when they come around again. We all start somewhere and getting out of your comfort zone helps us grow.

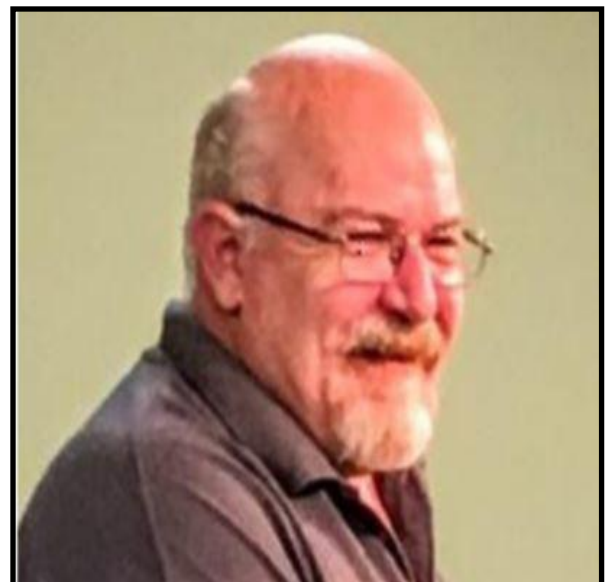
Many of our members have assisted with several "Hams helping hams" projects. These have included hanging antennas in trees, running coax, installing vertical antennas, assisting in programming radios and other tasks.

Helping another person get settled into his hobby can be intimidating. You are always leery of going to someone else's home and running into stumbling blocks. There is a fine line between helping the new ham do what he or she is wanting and what you may suggest as an alternative method, such as which coax to use or which tree to hang a wire in. I can't say thank you enough for the out reach that many of you have performed.

We will be cleaning out our storage facility in the next few months. We've accumulated lots of stuff which is just taking up space. Some of these items belong to past members and some we don't know where they originated. All these "unknown" and "stray" items will be removed and taken to the Hamfest a placed on the club flea market table for sale at prices to move.

See you at the meeting, 73,

Mike Smith, KK4KHS

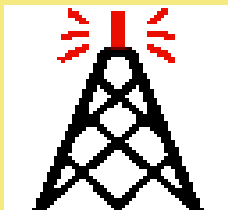


AMRC July 2018

**Field Day Stats Steve N4TTY**  
**Groups IO Overview- Mike KK4KHS**  
**July 12, 2018**  
**Annistown Road Baptist Church**

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.



**August 9th Meeting:**

**Tom Power W8RED**

**Overview of DMR**

**(Digital Mobile Radio)**

# AMRC Membership

**As of July1, 2018  
Total Memberships= 137**

**Welcome  
Ben Team W3BLT  
Rob Bennett WD4DUI**

## **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](mailto: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 in January. Pay early to get  
2017 price.**

# HAPPY BIRTHDAY!!

**From All of Us at AMRC**

Birthdays by, N4TTY

July 2	WB4WTN	Bill Cherepy
July 8	KM4WIE	Mike Cahoon
July 9	KN4BYB	Allan Hicks
July 9	KJ4KAK	Robert Swanson Jr.
July 11	N2RRF	Agnes Stevenson
July 12	KI4FWX	Amy Hale
July13	KB9VTM	Jim Boyd
July 15	KJ4TZP	Austin Harris
July 17	KK4SPS	Martha Ford
July 17	KB4VEO	Lori Fain
July 18	KE4SFO	George Coletti
July21	WB2PSB	Zargon Zargon
July 21	WD4CCZ	Charlie Broome
July 22	KE4AXE	Mary Ann Flack
July 22	KI4FWY	Rhett Aultman



# Field Day 2018



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# Behaviors to Avoid When Practicing Appropriate Operator Etiquette

Quick Keying- If 2 or more stations constantly reply back to each other without pausing it may possibly exclude a breaking station. This behavior is called quick keying. Leaving space for others is good behavior because it allows another station to join in on the conversation. It is also important in the case of an emergency; the station in need would have the ability to break in the conversation for help. Remember to operate well by leaving a pause in between your transmissions during QSOs.

Timing Out the Repeater- Repeaters are set with a timer, an amount of time the repeater will allow you to transmit. Often this is approximately 3 minutes. If you transmit longer than that time, the repeater stops transmitting, waits for you to stop transmitting, recycles, and starts back up. This prevents someone from tying up the repeater through accidentally sitting on the microphone PTT and continuously transmitting. Timing out the repeater has happened to the best of operators. Do your best to stay mindful. The pause you leave after hearing the courtesy tone will enable the repeater to reset its timer so it does not time out and stop transmitting.

Ignoring a breaking station- Be sure to recognize a station that throws its call sign out there. To continue to talk and disregard the announcing station is poor operator behavior. This doesn't mean be in fear for your life if you don't hand it off to them within 4 seconds. Just try and give it to them as soon as proper. One can politely join the conversation, after listening to first know a little about the conversation, by throwing out one's callsign like this, "KK4KHS, go ahead KM4RKT." This way others on the repeater know that KK4KHS wants to join in the conversation, but doesn't need the repeater immediately. At the same time, it also enables that person to keep on track with his comments.

Interrupting QSOs with non emergency traffic- Some operators like to talk in a roundtable where everyone gets their turn in a set order; some operators like to talk with other operators in a "free-for-all" where everyone speaks randomly. That is entirely up to your preference. Some repeaters have a "flavor" where you say your peace when you join the conversation, don't worry about the courtesy tone, and if you snooze, you lose. As a rule of thumb, one should not interrupt a conversation that is ongoing via a repeater to speak with a different party who may or may not be listening. If you would like to speak to a different person on the repeater who may be listening, asking those in QSO permission to do so

politely may be appropriate. There is no written rule. If it's not very urgent and the QSO is winding down, one can wait to avoid being rude. Be mindful of other stations when joining QSO, asking to speak to another operator who may be listening in on the repeater, or joining an ongoing QSO. It is good to add more insight to a QSO, so don't be shy. Just remember your manners.

Kerchunking- occurs when a ham will transmit without saying anything to see if he can hear a repeater start transmitting by his keying up. It is just as easy to say your callsign and a statement that you are testing to see if you can bring the repeater up.

Politics and Religion- In the early days of radio, a couple of subjects were taboo amongst hams: religion and politics. Be observant and considerate of others on these topics. (Remember there may be other people listening who do not share your views.)

KK4KHS- Mike Smith





# THANK YOU TO ALL MEMBERS THAT MADE FIELD DAY 2018 A SUCCESS.



Club Member Zack  
KN4HKB made this antennae  
pictured below this month  
while visiting his  
family in  
Gainesville, and reached the  
Repeater! Nice Job Zack!



## 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 Greg Mann KM4RKT or email him at [km4rkt@gmail.com](mailto:km4rkt@gmail.com) with questions about items, or size and cost.

Greg can now accept Credit/Debit (Including chip cards), Google Pay and Apple Pay to make purchasing your apparel needs easy.

## 2017 AMRC Officers, Committee Chairs

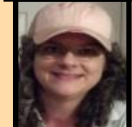
Mike Smith, KK4KHS  
President  
[smithrm71@yahoo.com](mailto:smithrm71@yahoo.com)



Pat De Loe, N4MPC  
Vice President  
[patdeloe@gmail.com](mailto:patdeloe@gmail.com)



Allison Lynch, AB4YL  
Secretary  
[allison48fan@yahoo.com](mailto:allison48fan@yahoo.com)



Greg Mann, KM4RKT  
Treasurer /Apparel Manager  
[km4rkt.greg@gmail.com](mailto:km4rkt.greg@gmail.com)



Gene Blackburn, N4UJ  
W4BOC Trustee  
[g.blackburn@ieee.org](mailto:g.blackburn@ieee.org)



Jim Penland, N4RAR  
DeKalb ARES EC

Steve Vogel, W4PSV  
Public Information  
[svdec@bellsouth.net](mailto:svdec@bellsouth.net)



Steve Garrison, N4TTY  
Membership Chairman  
[Steve.n4tty@gmail.com](mailto:Steve.n4tty@gmail.com)



Jim Penland, N4RAR  
Counsel

Zargon  
Field Day Chair

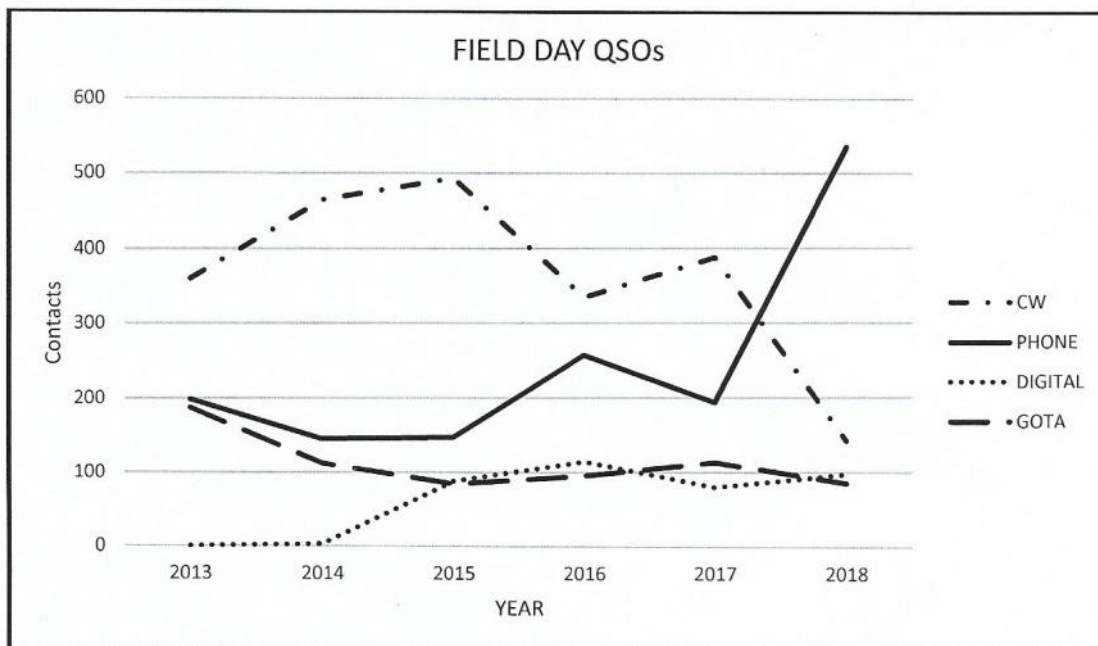


Frank Haynes, KV4SP  
VE Team Chair

Gretchen Mann, W1MKW  
TOTR Editor  
[gretchelby@gmail.com](mailto:gretchelby@gmail.com)



# 2013 to Present Day Field Day







9 July 2018



## EXTRA! EXTRA!

## Peach Corner Recipe of the Month

### Ares 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>

### No-mayo Coleslaw with Ramen Noodles

Serves 8-10

#### Ingredients:

- 1 (14 ounce) bag classic coleslaw
- 1/2 cup chopped cilantro (optional)
- 1 (3 ounce) package chicken ramen noodles
- 1/4 cup sliced green onions
- 1/4 cup red wine or white vinegar
- 1/2 teaspoon sugar or one package of Splenda
- 1 package ramen seasoning
- 1 can of mandarin oranges (pineapple chunks will also work) or both ...

#### Directions:

In a large bowl, add the bag of coleslaw, cilantro (optional), chopped uncooked ramen noodles and green onions. (I use a small hammer and pound on the bag of Ramen noodle until the noodles have been somewhat pulverized. ;- ) Try not to pound too hard or the bag will break (trust me on that part) ...

In a small bowl, whisk together the vinegar, sugar (or Splenda, ramen noodle seasoning that was in the noodle packet as seasoning, a quarter of a cup or so of the juice from the mandarin oranges or pineapple)

Pour over the coleslaw, and mix with a wooden spoon until everything is well coated.

Cover, and place in the refrigerator for about 30 minutes before serving.

Picture on Last page of Totr

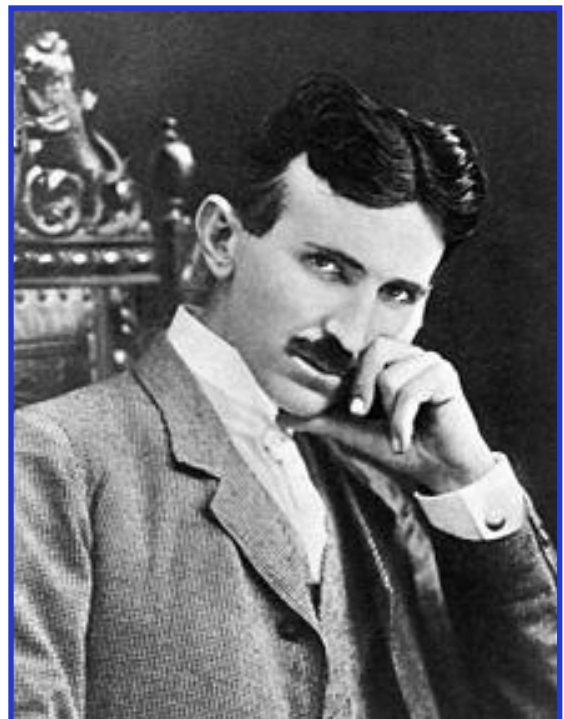
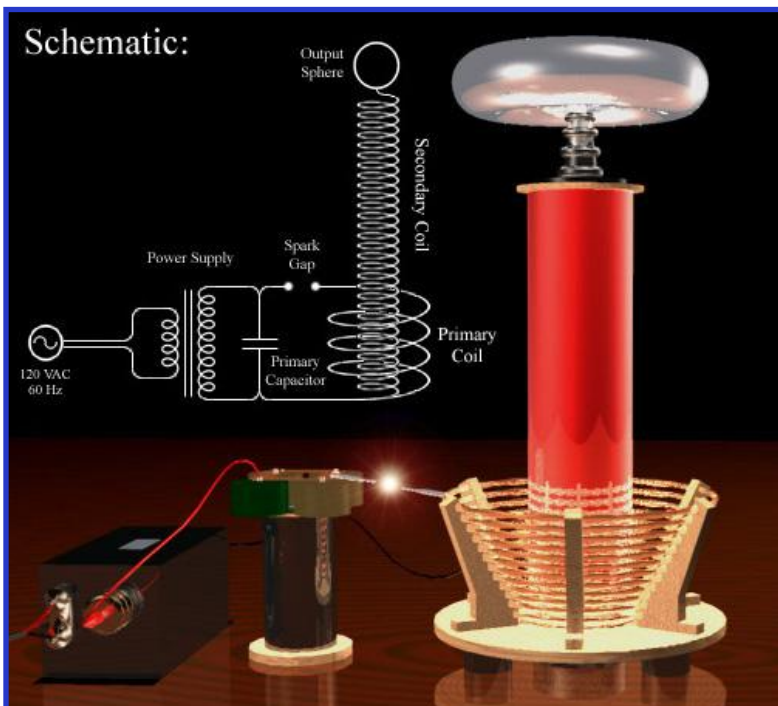
- ♦ Monthly club meeting is the 2<sup>nd</sup> Thursday of the month at 7:00pm
- ♦ Every Sunday at 7:00 pm: AMRC Sunday Night Net on the 146.760 repeater.
- ♦ Every Sunday at 8:00 pm: DeKalb ARES Net on the 145.450 repeater.
- ♦ Every Saturday at 7:00 am: AMRC Weekly Breakfast, Metro Café Diner, Stone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



## Nikola Tesla

July 10, 1856 (Serbia) - Jan. 7, 1943 (US)

It is believed Nikola was born during a thunderstorm on July 10, 1856 in Serbia. He came to the US and worked for Thomas Edison in 1884. Nikola's radical ideas and personality clashed with Edison and Tesla left Edison. Tesla had over 300 patents. His work on rotating magnetic fields led to an Alternating Current motor. This caught the attention of George Westinghouse, who decided to fund Tesla's work. Tesla was a friend to famous author Mark Twain, who often visited him in his lab. In 1893 Tesla showed his AC technology to the World Exhibition. His Tesla Coil pioneered wireless technology. Tesla experimented some with Xray. Tesla was deemed a genius, he was very eccentric, and some of his work was judged harshly like his death ray and his ability to communicate with pigeons. In his later years he isolated himself and worked on projects, dying in a hotel alone on January 7, 1943. He was the inspiration for the electric car and battery company, Tesla. Happy 162nd Birthday, Nikola Tesla.







# STONE MOUNTAIN HAMFEST

*and ARRL Section Convention*



**NOV. 3 - 4, 2018**

*The Largest Hamfest in Georgia!*

**SATURDAY: 8 AM — 4 PM**

**SUNDAY: 8 AM — 2 PM**

The Gwinnett County Fairgrounds  
2405 Surgarloaf Parkway, Lawrenceville, Ga 30045

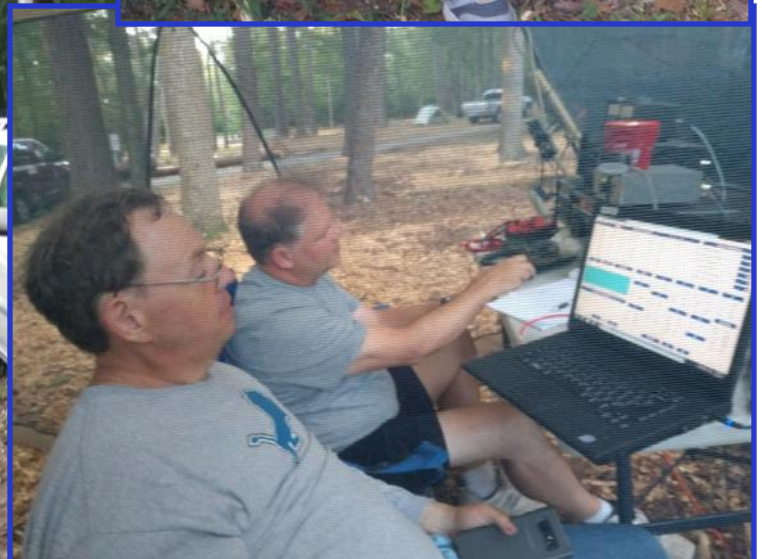
<http://www.stonemountainhamfest.com>

**TAILGATE, FLEA MARKET, FORUMS, DOOR PRIZES & RAFFLE!**









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## June NETS REPORT

AMRC		DeKalb ARES			Turnip Truck	
Sunday Night Net			RF	Winlink/DRats		
June 3	40	June 3	14	8/6	June 2	18
June 10	36	June 10	11	9/0	June 9	17
June 17	29	June 17	13	7/5	June 16	18
June 24	27	June 24	12	6/0	June 23	22
					June30	18

## AMRC CALENDAR OF EVENTS FOR July 2018

Sun	Mon	Tues	Wed	Thurs	Fri	Sat
<b>1</b> 7pm AMRC Sunday Night Net  8pm DeKalb ARES NET	<b>2</b>	<b>3</b>	<b>4</b> 8pm Em Com  RagChew Net	<b>5</b>	<b>6</b>	<b>7</b> 7am Breakfast at Hardees  11pm Turnip Truck Net
<b>8</b> 7pm AMRC Sunday Night Net  8pm DeKalb ARES NET	<b>9</b>	<b>10</b>	<b>11</b> 8pm Em Com  RagChew Net	<b>12</b> 7pm AMRC Meeting  Annistown Road Baptist Church	<b>13</b>	<b>14</b> 7am Breakfast at Hardees  11pm Turnip Truck Net
<b>15</b> 7pm AMRC Sunday Night Net  8pm DeKalb ARES NET	<b>16</b>	<b>17</b>	<b>18</b> 8pm Em Com  RagChew Net	<b>19</b>	<b>20</b>	<b>21</b> 7am Breakfast at Hardees  11pm Turnip Truck Net
<b>22</b> 7pm AMRC Sunday Night Net  8pm DeKalb ARES NET	<b>23</b>	<b>24</b>	<b>25</b> 8pm Em Com  RagChew Net	<b>26</b>	<b>27</b>	<b>28</b> 7am Breakfast at Hardees  11pm Turnip Truck Net
<b>29</b> 7pm AMRC Sunday Night Net  8pm DeKalb ARES NET	<b>30</b>	<b>31</b>				

15 July 2018

# Activities

Date	Event	Website	Location / Notes
Monthly	Club Meetings	<b>First Thursday of Month</b> → <b>Second Tuesday of Month</b> → <b>Second Thursday of Month</b> → <b>Third Tuesday of Month</b> →	Atlanta Radio Club <a href="http://www.atlantaradioclub.org">www.atlantaradioclub.org</a> (Atlanta) Gwinnett Amateur Radio Society <a href="http://www.gars.org">www.gars.org</a> (Lawrenceville) Alford Memorial Radio Club <a href="http://www.totr-radio.org">www.totr-radio.org</a> (Stone Mountain) North Fulton Amateur Radio League <a href="http://www.nfarl.org">www.nfarl.org</a> (Alpharetta)
Second Saturday of the month	North GA QRP Club meeting	<a href="http://www.nogaqrp.org">www.nogaqrp.org</a>	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 <b>Shepherd Center</b> , 2020 Peachtree Rd., NW Atlanta, GA 30309
Second Sunday of the month	Sunday Tech	<a href="http://SecondSunday.tech">SecondSunday.tech</a>	2:00 – 5:00 PM at the <b>DeKalb Peachtree Airport</b> . This is a monthly hands-on technical session for hams and people interested in Amateur Radio activities. Check website for any changes in location.

July 10, 2018

The last of the trapped soccer kids and their coach in Thailand were rescued from the cave.

How did Ham Radio help?

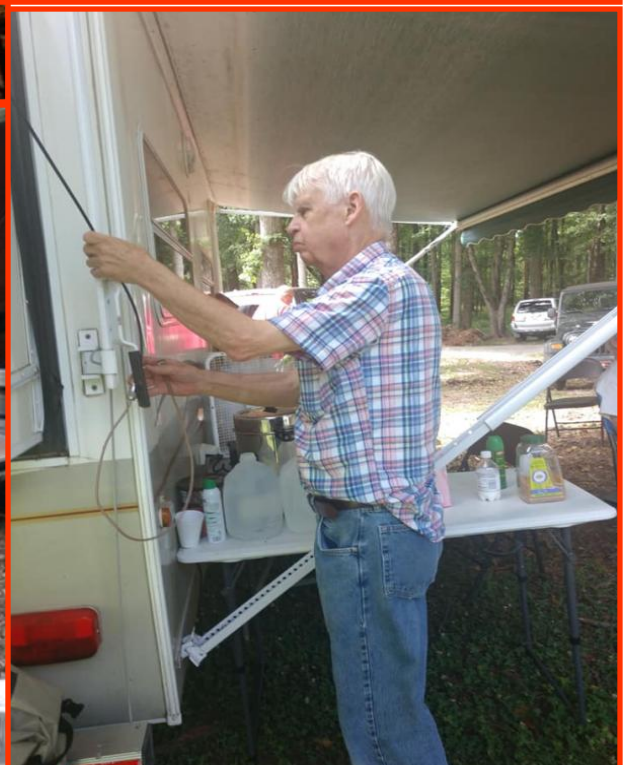
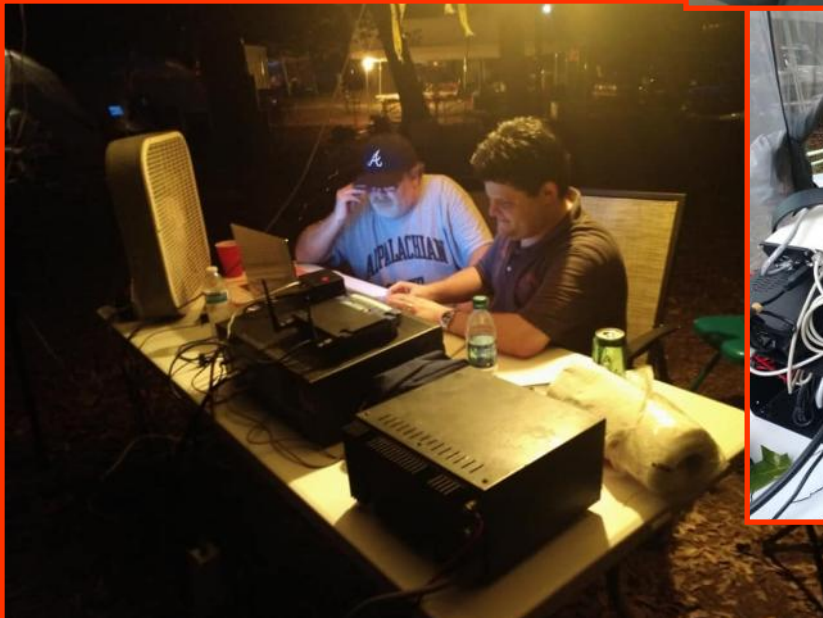
Click the link. [https://](https://hackaday.com/2018/07/11/ham-designed-gear-used-in-thailand-cave-rescue/)

[hackaday.com/2018/07/11/ham-designed-gear-used-in-thailand-cave-rescue/](https://hackaday.com/2018/07/11/ham-designed-gear-used-in-thailand-cave-rescue/).

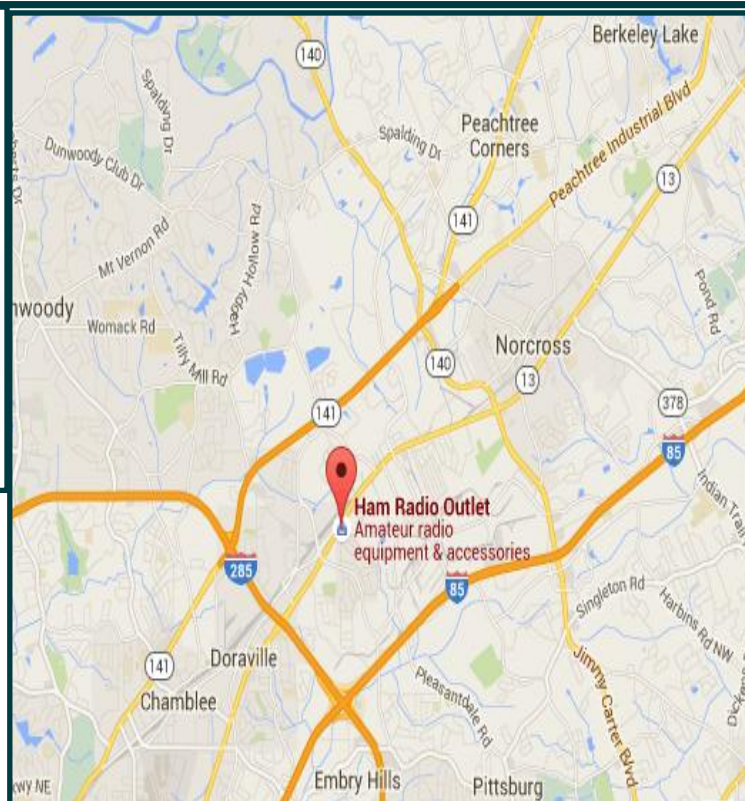


To read more about the Gear click [here](https://hackaday.com/2018/07/11/ham-designed-gear-used-in-thailand-cave-rescue/). Ham radio can save lives.









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



The Totr would like to thank Zargon , WB2PSB, for donating many of the Field Day Pictures for this Special Edition of the Totr.

## ARRL Contest Calendar

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



**Hamtoons**  
**CARTOON QSLs**  
**-- AND MORE!**  
 Jim Massara,  
 N2EST  
[n2est@hamtoons.net](mailto:n2est@hamtoons.net)

**L&M Mobility**  
  
  
**Robert (Mike) Smith**  
 5191 La Paloma Dr.  
 Lilburn, GA 30047  
 Phone (404)-509-3104  
[Smithrm71@gmail.com](mailto:Smithrm71@gmail.com)  
**SERVICE & REPAIR**  
 Power Chairs • Lift Chairs • Scooters

18 July 2018