



April 2018



The Newsletter of the Alford Memorial Radio Club

Congrats 2018 Fox Hunt Winners!
Jim Sorenson KA4IIA and The Atlanta Radio Club



April Issue Contents

- President's Notes
- Meeting Information
- Membership Page & Birthdays
- Famous HAMs of the Month
- Fox Hunt Pictures (Pg 6, 9, 10)
- Member Spotlight of the Month
- Tip of the Month
- Skip the Math and Still Pass the Extra Exam
- Buy, Swap, Sell



President's Notes April 2018

The AMRC wrapped up two very successful events since our last meeting. First, The Top of The Rock Explosion Contest, promoted new hams making contacts with older hams on the air. Club members exchanged call signs, documented contacts and submitted logs. I'm thankful to Allison and Dale for their commitment to this fun event.

The winners were, Greg Mann KM4RKT 23 points, AB4YL Allison Lynch 22 points, Tom Roderick WA4GIM 22 points, Zack Buersmeyer KN4HKB 20 points, Gretchen Mann W1MKW 16 points, and Rachel Wills KN4FTZ 11 points.

Last weekend, the AMRC hosted a Fox Hunt and BBQ social which were very well attended. See the pictures in this issue and on our Facebook page. We had 31 hunters. First place single winner Jim Sorenson KA4IIA from Conyers, GA found the Fox in just under 3hrs. Congratulations Jim. Jim donated his winnings to a new ham which will be given away at a near future meeting. Thanks Jim! The Atlanta Radio Club Team consisting of Newt White N4EWT, Jim Reed N4BFR, Allen Sellers, and Barbara Carlson KN4HER, won first place in team competition. Everyone was a winner eating amazing barbeque, cooked by Jim Penland, N4RAR. The club appreciates Jim and all he did to make this event delicious.

More upcoming activities need volunteers...

1. AMRC needs help at our club table during the Atlanta Hamfest. June 2nd at the Cobb Civic Center.
2. ARRL Field day 2018 at Stone Mountain Park and AMRC BBQ picnic. June 15 and 16. (order your field day apparel through Greg at the next meeting).

Thank you members who have signed up to be in the rotation to call the Sunday night net. Please go to the website to join this group of dedicated members.

Upcoming Programs.

1. Tom W4GIM will demonstrate how he configured his FT450D with a SDR Play to give it the feel and application of a software defined radio. May club meeting program.

2. Zargon WB2PSB will share his experiences from Quartz Fest in Arizona. June Program.

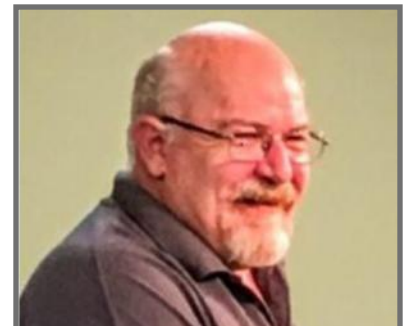
There will be many other opportunities for you to get out and play radio, so sign up for the Alford Memorial Facebook page and the Alford Memorial Radio Club Yahoo Group Page to stay informed.

Members are encouraged 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.

During the year several of our members will be activating "Summits On The Air" as well as historic light houses and other historic sites. Let's show them our support by attempting to contact them during their activations. The latest of these were Zack Buersmeyer KN4HKB who activated Cape Hatteras for several days. Zack worked many continents as well as his own club members back at home. We're very proud of the calmness Zack exhibited during his first crazy pileup. I will be at Skidaway Island State Park working Chatham County for the Georgia QSP Party April 14 7 15th. I will be listening to hear some familiar call signs.

We still need a Program Manager so come on out, contribute, and join the club officers and committee chairs. It's a great group of folks and we all help one another out to make the club successful. Please consider joining the team. I'll see you at the meeting, and I'll hear you on the air!

73, **Mike Smith, KK4KHS**

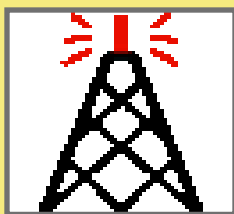


AMRC Upcoming Meetings

**April 12 , 2018
at 7:00 pm**

**PROGRAM:
CHIRP and Programming Your Radio**
by Jon, KM4UJP

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.



May 2018 Meeting Program: Tom, W4GIM

Tom will demonstrate how he configured his FT450D with a SDR Play to give it the feel and application of a software defined radio. May club meeting program.

The AMRC is sad to announce the passing of

Wayne Taylor WD4CCD (SK)

Wayne worked at the B&B Hobby Shop and was an Elmer to many HAMS. He was a VE and gave exams at Walton EMC. He was the bearer of donuts at Field Day. The AMRC expresses our deepest sympathy to family, friend, and fellow members.

AMRC Membership

**As of March 1, 2018
Total Memberships= 124**

Welcome New Members,
Jerry Valladares, KP4HF
Scott Keller, KN4KWQ
Jonathan Lee, KN4KKE

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.**

HAPPY BIRTHDAY!!

From All of Us at AMRC

Steve Garrison, N4TTY

APR 2 Donna Redfern

APR 3 WA4GIM Tom Roderick

APR 5 KS4KY Neil Martin

APR 9 KN4CGO Russell Prevost

APR 10 KK4ZII Amy Lovell

APR 11 W0DHK Dan Kroening, KF4VBR Robert Tyler,
Sharon Siegmund

APR 13 KM4LVJ Jeremy Shrader

APR 14 W4HLP Harvey Pearson

APR 16 KJ4NYU Katherine Tanner

APR 17 KG4IUM Andrea Wayward

APR 18 KB4VEC Sarah Baker

APR 20 KN4KWQ Scott Keller

APR 21 KN4KKE Jonathan Lee

APR 22 KM4PEH Jon Richardson

APR 28 K9BOG Matt Bogenberger

APR 29 KM4KGP Mark McKee



**7AM Saturday Morning Breakfast Club
Hardees**

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

Famous HAMs of the Month:

Lea Marie Medina KD2RYU and Jasmine Petrov KD2NIS.

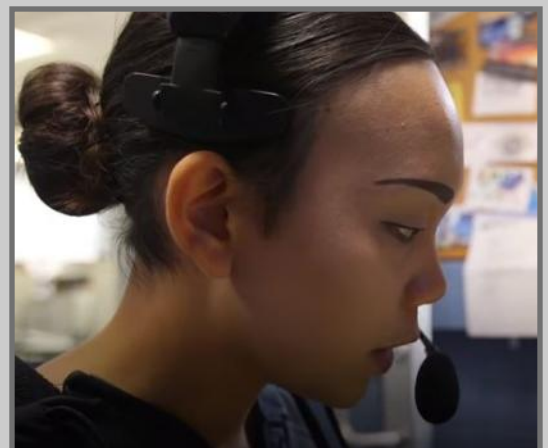
You can find HAM Radio Stations in schools and hospitals in the most unvisited places. It is usually a closet or small room and it is rarely known about much less frequented by anyone but the amateur radio operators. Ham radio is often seen as an archaic way to communicate. Many people question it's existence much less look towards it with interest. In a world full of ways to communicate, we take for granted the ease at which we can email, call, text, or tweet and reach people all over in an instant. At the Garden State School Amateur Radio Club in NY, teens are connected to one another by phones and tablets. They in a sense through being connected, are very disconnected. But in a back corner of the library, in a room small enough to cozily fit two operators, YLs connected with the rest of the world making their small space seem much larger.

Hurricane Maria. When all else failed for Puerto Rico, two YL seniors from Garden State School Amateur Radio Club, K2GSG, answered the needs of families unable to connect with their loved one in Puerto Rico. They relayed their messages to stations closer to Puerto Rico who transferred it to stations closer to Puerto Rico until it reach Florida stations who transferred them to loved ones in Puerto Rico. To two young girls express how an old way to communicate makes a difference, and fuels their purpose in the hobby. It also reminds them to be mindful how precious and important communication can be. Click [here](#) to see this amazing clip on two young YLs making a difference. Thank you Lea Marie Medina KD2RYU and Jasmine Petrov KD2NIS.



Jasmine Petrov
KD2NIS (Left)

Lea Marie Medina
KD2RYU
(Right)



The AMRC 2018 Fox Hunt



6 April 2018

April 2018 AMRC Member Spotlight

Santa John Dreggors K4SWV

One of our fantastic members is John Dreggors K4SWV who is an Extra Class Licensed Amateur Radio Operator. “Santa” John is a jolly addition to the AMRC, and he and his wife Jenny, KK4SWJ frequent meetings. See the excerpt from his QRZ page below.

Passed my Extra today 1/6/2018 and rewarded myself by ordering a keyer and beginning to learn CW.

Struggled to find my real interest in Ham Radio until stumbling on SOTA. Being a hiker and backpacker I know I'm going to enjoy this for many years. I've currently gotten a couple of SSB activations and awaiting a little better weather to continue.

Married, Daughter in college, Dog by my side, Professional Santa Claus during the Christmas season. Hiker, Backpacker, Hunter, Kayaker (flat water), My wife (KK4SWJ) and I do advanced firearms training together, I reload my own ammo, I'm a low time private pilot, and I've recently taken up running at the age of 55.

I own a small Commercial and Industrial HVAC & Electrical business in the metro Atlanta area.

Member of the Gwinnett Amateur Radio Society GARS and the Alford Memorial Radio Club (Stone Mountain)

See John's video on overcoming MIC fright. Click [here](https://www.youtube.com/watch?v=nFokWqPICWA&t=68s) or copy and paste <https://www.youtube.com/watch?v=nFokWqPICWA&t=68s>. 73 Santa!



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.

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).



Merchandise from Alford Memorial Radio Club

Stop by and see Greg Mann to order your Field Day clothing. You will save on shipping when ordered at the meeting. Also available ham vests, polo shirts with club logo and your call sign. See Greg Mann, KM4RKT or email him km4rkt.greg@gmail.com at with questions

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 and Apparel
Manager
km4rkt.greg@gmail.com

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

Jim Penland, N4RAR
DeKalb ARES EC

Steve Vogel, W4PSV
Public Information
svdec@bellsouth.net

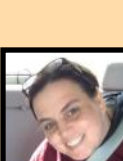
Steve Garrison, N4TTY
Membership Chairman
Steve.n4tty@gmail.com

Jim Penland, N4RAR
Counsel

Al Hughes, NZ4A
Field Day Chair

Frank Haynes, KV4SP
VE Team Chair

Gretchen Mann, W1MKW
TOTR Editor
gretchelby@gmail.com

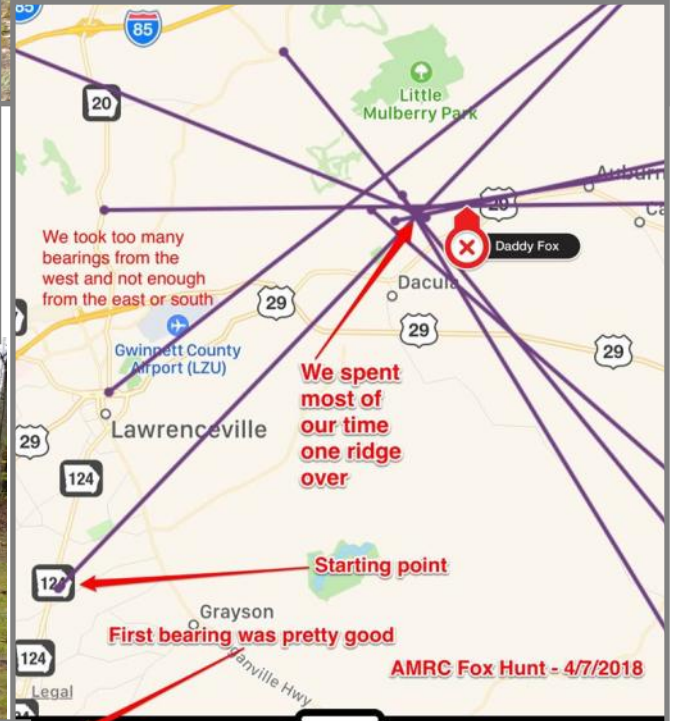


The AMRC FOX Hunt Continued



9 April 2018

The AMRC Fox Hunt Continued



Thank
You
For
Hunting
With
Us



10 April 2018

Upcoming Events:

1. April 14, 2018– The GA QSO Party Contest. Click [here](#) for more information.
2. April 15th CERT exercise- 10:30am– 2:30pm if you are portraying a victim (for moulage and instructions we need 30– 40 people), 12:30pm– 2:30pm if you are a graduate. CERT exercise at the DeKalb County at 3161 Warren Drive Decatur, GA. Fire and Rescue . CERT graduates will be practicing their skills. Contact Thomas Page at 678-406-7858 or email him at tpaige@dekalbcountyga.gov
3. June 2nd– Volunteer to help out at the club table during the Atlanta Hamfest See below for more details on the Atlanta HAM fest.
3. June 23-24 ARRL Field Day 2018 at Stone Mountain Park and AMRC yearly barbeque.
4. Click [here](#) to volunteer for the Peachtree Road Race July 4, 2018.



COBB COUNTY CIVIC CENTER 2018 *NEW* Location

Air Conditioning, Bigger Forum Rooms
Closer! Less than 2 miles from I-75

JUNE
2

Saturday, June 2, 2018
Still 8am to 3pm

Make a family day of it...
Come for the Hamfest
Stay for the Braves vs Dodgers at 4PM
We're only 6 Miles from Sun Trust Park!

Produced by the Atlanta Radio Club and
Kennehoochee Amateur Radio Club
Watch AtlantaHamfest.com for Updates



2018 ARRL
Georgia
State Convention

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

Microwave Moon Pie

From the Fox Hunt kitchen Mike Ford, KK4NZE

In the kitchen, remove moon pie from the wrapper and place in the microwave on microwave safe plate.

Mini size— Microwave on high for 10 seconds and enjoy

Full size— 15– 30 seconds on high and enjoy.

Add a scoop of vanilla ice cream to make it all a mode.

If you are mobile, place moon pie, still in the wrapper on your dashboard until melted. Works best if you park or drive in the sun.



Send recipe ideas 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



Tip Of the Month:

Pat DeLoe, N4MPC

Tip of the Month

Pat N4MPC

Problems hanging an antenna with an arrow when the fishing line is not attached to the tail of the arrow include: getting the arrow to drop straight down without hanging in the foliage, pulling the arrow back up without getting caught on a branch, having the arrow go off target and having a good attachment point for the fishing line. Adding a fish hook at the nock will solve these problems.

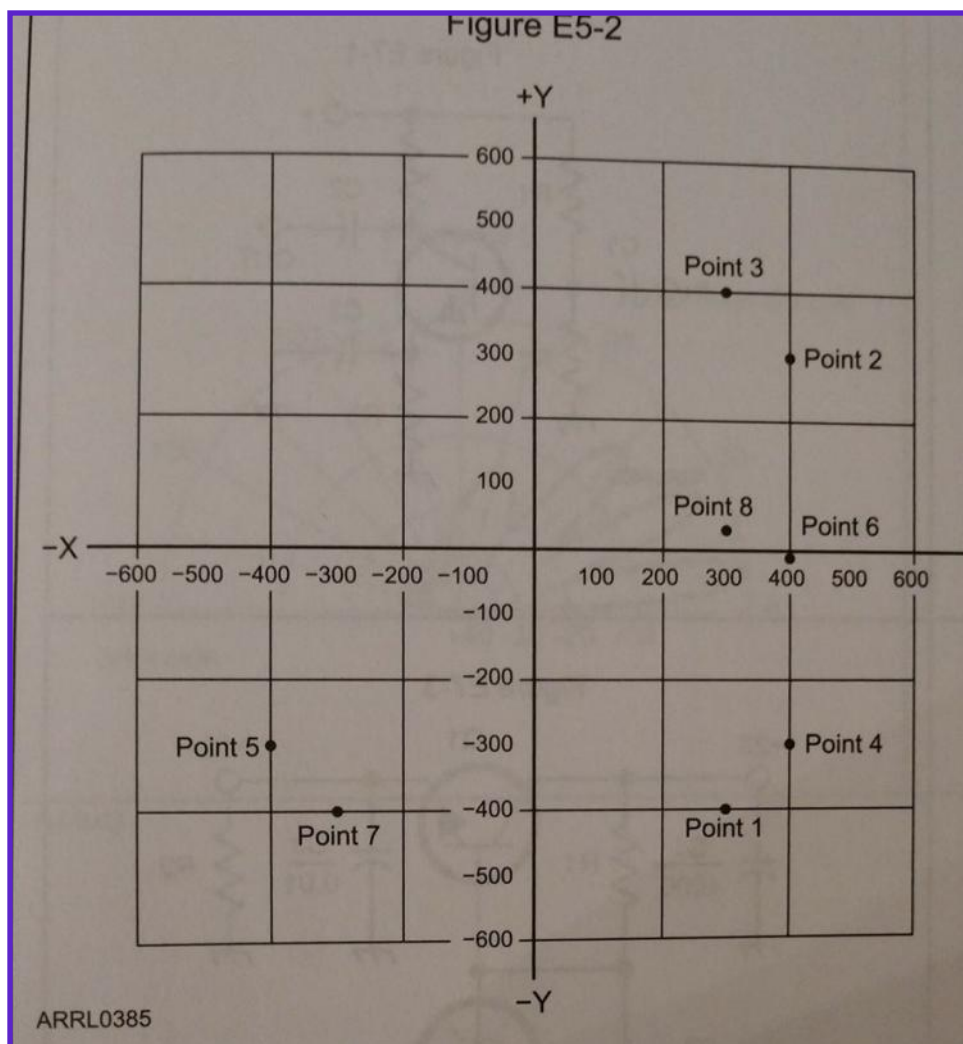
Prepare an appropriate sized fish hook by pinching the barb against the hook. Straighten the hook to form a right angle. Drill a small hole in the arrow shaft, sized for the fish hook, between the nock and fletching so that the eye of the fish hook is just clear of the nock. Insert the prepared fish hook through the hole in the shaft and bend the fish hook tip over. Pinch the fish hook against the shaft and epoxy in place.



Forget the Math and Still Pass: Extra Class License Test Prep

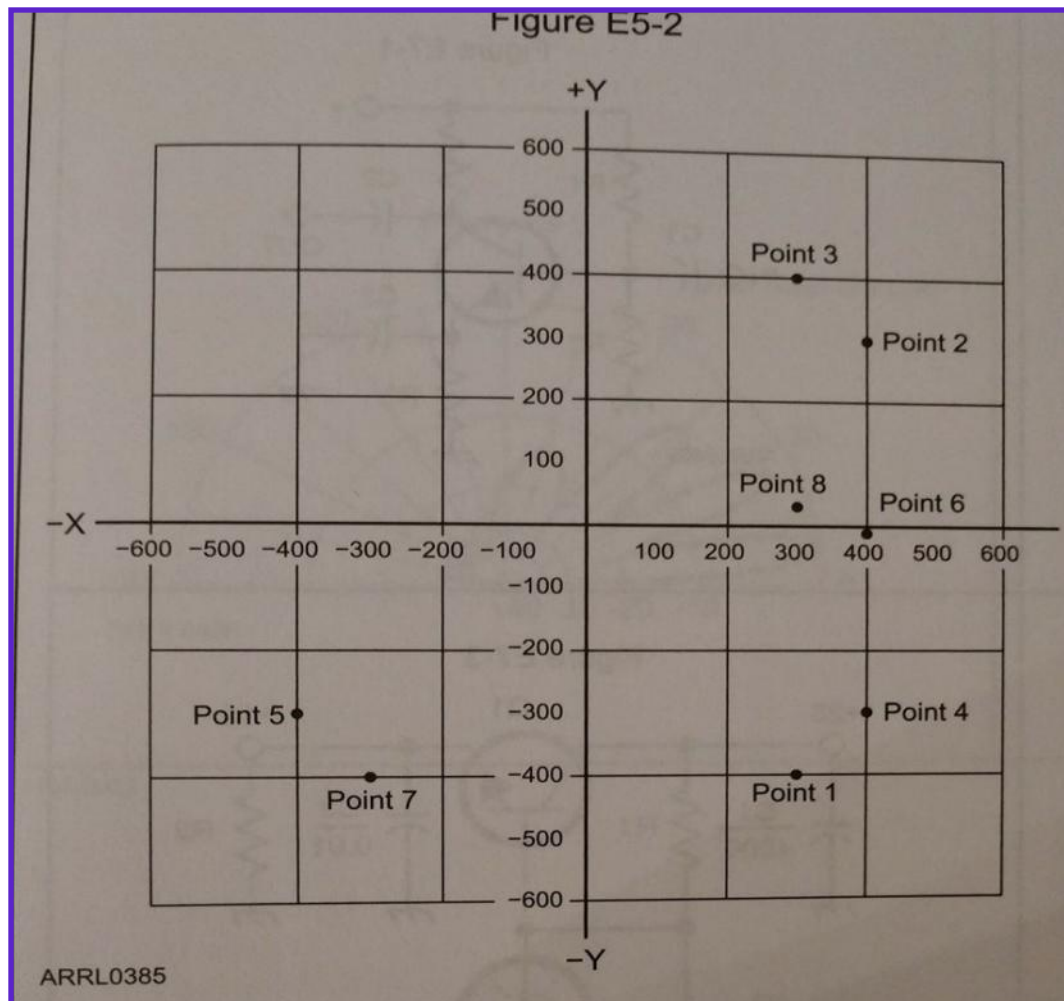
There are three possible questions pertaining to the graph below that could be asked on an Extra Class License Exam. They all ask for the Point that represents the impedance of a series circuit based on specific parameters. When I was young I used to tell people “I love you” by writing 143 (made up shorthand). I=1, Love=4, and You =3. Each number represented the number of letters in the words I love you.

When I see this chart I think (I love you), 1, 4, 3. These are the possible answers to the questions on the test (Point 1, Point 4, and Point 3). No other Points are ever the answer on the test where this graph is concerned.



Possible Test Questions

- Which Point best represents that impedance of a series circuit consisting of a 400 ohm resistor and a 38 picofarad capacitor at 14 MHz? A. Point 2 B. Point 4 C. Point 5 D. Point 6 (remember I love you (1,4,3), the only possible answer is B. There is no Point 3 or Point 1 choice.
- Which Point best represents the impedance of a series circuit consisting of a 300 ohm resistor and an 18 microhenry inductor at 3.505 MHz? A. Point 1 B. Point 3 C. Point 7 D. Point 8 Remember I love you (1,4,3), so it is either A or B. Look at the Mhz, there is a 3 in the MHz therefore the answer to the question is Point 3.
- Which Point best represents the impedance of a series circuit consisting of a 300 ohm resistor and a 19 picofarad capacitor at 21.200 MHz? A. Point 1 B. Point 3 C. Point 7 D. Point 8 Remember I love you (143), so the answer is either A or B. Look at the MHz, there is a 1 in it...therefore the answer is Point 1. Good Luck.



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@arrrl.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.

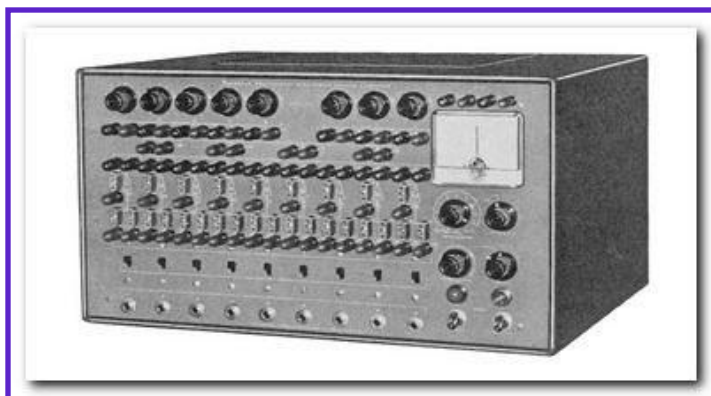
4. Kenwood 1970's TS120S. with PS-30 DC power supply and hand mike \$150

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.



UNSOLVED! Do you know?

March NETS REPORT

AMRC		DeKalb ARES			Turnip Truck	
Sunday Night Net			RF	Winlink/DRats		
March 4	33	March 4	14	11/11	March 3	14
March 11	19	March 11	13	11/4	March 10	16
March 18	28	March 18	16	7/9	March 17	13
March 25	34	March 25	12	9/9	March 24	18
					March 31	13

AMRC CALENDAR OF EVENTS FOR April 2018

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

17 April 2018

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.

HAMFESTS IN YOUR FUTURE

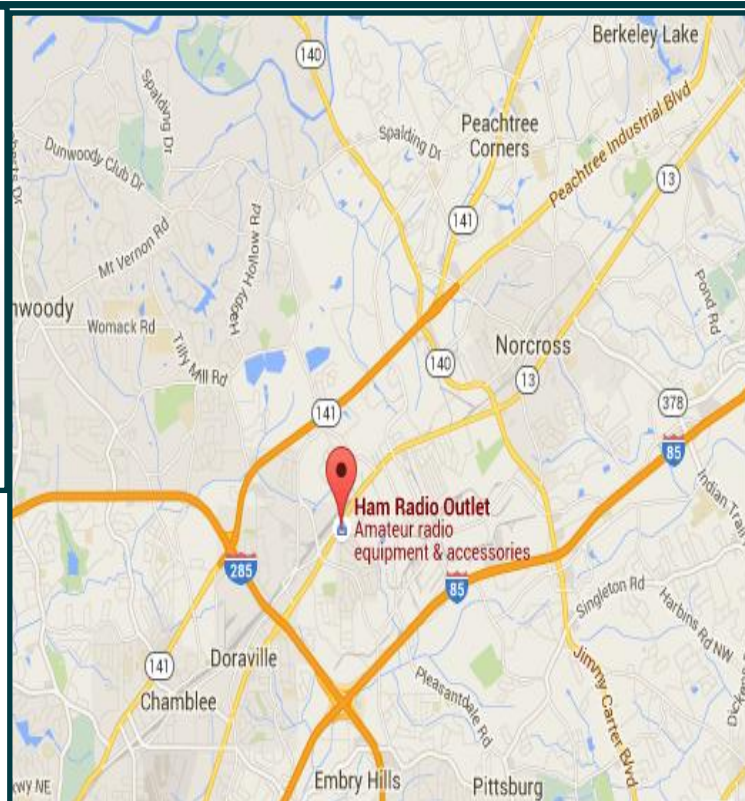
04/21/2018 | Byron Hamfest Location: Byron, GA Type: ARRL Hamfest Sponsor: Central Georgia Amateur Radio Club Website: <http://www.wa4ort.com> Click [Here](#)

04/28/2018 | Savannah Hamfest & Swapmeet Location: Savannah, GA Type: ARRL Hamfest Sponsor: Coastal Amateur Radio Society Website: http://coastalamateurradiosociety.net/wpW4LHSblog/?page_id=731 Click [here](#).

05/18/2018 | Great Lakes Division Convention (Dayton Hamvention) Location: Xenia, OH Type: ARRL Convention Sponsor: Dayton Amateur Radio Association Website: <http://hamvention.org> Click [here](#).

06/02/2018 | Georgia Section Convention (Atlanta Hamfestival) Location: Marietta, GA Type: ARRL Convention Sponsor: Atlanta Radio Club (W4DOC) & Kennehoochee Amateur Radio Club (W4BTI) Website: <http://atlantahamfest.org>. Click [here](#)

08/18/2018 | Southeastern Division Convention (Huntsville Hamfest) Location: Huntsville, AL Type: ARRL Convention Sponsor: Huntsville Hamfest Association Website: <http://www.hamfest.org> For more information: <http://www.arrl.org/hamfests-and-conventions-calendar> Click [here](#).



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. Mike Smith KK4KHS– President Notes
2. Steve Garrison N4TTY– Membership Numbers and Birthdays
3. Greg Mann KM4RKT Net #s
4. Pat DeLoe N4MPC– Tip of the Month

Thank you club members for sending in photos of the Fox Hunt.

Check out Hawaiian HAMS.

When all else fails!

<https://www.youtube.com/watch?v=dO09aMGMizM&t=269s>

Or Click [Here](#),

Wanted
Program Manager for the Alford Memorial Radio Club to help organize and plan meeting topics.

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

ARRL Contest Calendar

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

Or click [here](#) to go to contest page.

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