

MARCH 2019 TOTR

Newsletter Of The Alford Memorial Radio Club



March Right Outside And Put Up That Antenna!

March 2019 Contents

President's Notes

Meeting Information

Membership News/ Birthdays

Member Spotlight– Barry Kanne W4TGA

Tip of the Month– Pat Deloe, N4MPC

Agnes Scott Calendar/ Merchandise/ Net #s

Ask a Turnip

Buy Swap Sell, Peach Corner Recipe

Top of St. Mtn Tower and Repeater Pictures



March 2019 President's Notes

Message for Mike, Rules of the Road

In the same way that we have traffic rules for road usage and the Golden Rule for the good of society, there are regulations and operating procedures governing our hobby. These rules are designed to be followed in order to make it easier to live with our fellow ham operator. The regulations are the law, and the operating procedures are mutually agreed upon guidelines. Both are important to make our hobby a pleasant one enjoyed by many hams.

There isn't anything more frustrating to me than the person driving in front of me failing to use their turn signal. The same frustrations can be found daily in ham radio. Once you have been issued with a license, it is essential that you know how to operate your equipment, and appropriately communicate on the amateur bands, before attempting to go on the air. It is essential that you listen to amateurs making contacts, so you can learn how contacts are made.

A person with their technician license is an amateur radio learner's permit. Get help if you are unsure of your equipment. Mistakes can be very costly.

According to Google, "How can I be a good driver," results with the following list:

1. GIVE YOURSELF A HEAD START. It pays to know the basics before your first lesson. ...
2. CHOOSE THE RIGHT TRANSMISSION. ...
3. SHOP AROUND FOR AN INSTRUCTOR. ...
4. LISTEN TO YOUR INSTRUCTOR. ...
5. BUY YOUR OWN CAR TO PRACTISE IN. ...
6. STUDY THE THEORY FROM THE START. ...
7. LEARN FROM YOUR MISTAKES.

Each of these points for drivers can be directly related to ham radio.

1. STUDY AND LISTEN TO CONTACTS
2. DECIDE WHAT YOU NEED TO DO WHAT TASKS– THINK EQUIPMENT AND YOUR DEVELOPMENT AS AN OPERATOR.
3. FIND AN ELMER
4. LISTEN TO THAT ELMER
5. PURCHASE AND FIND YOUR EQUIPMENT
6. ONGOING STUDYING IS REQUIRED AS YOUR INTERESTS CHANGE AND YOUR UNDERSTANDING DEEPENS.
7. LEARN FROM MISTAKES. Hemingway said "I have learned a great deal from listening carefully."

The first task for the transmitting Ham is "listen first". It is only by listening that one can get some idea of the basics of transmitting. What is propagation like on a band, and is a particular frequency in use?

Remember, a frequency may sound clear to you but a weak distant station may be using the frequency.

Listening at various times builds up an understanding of how conditions vary at different times of the day, night and year. By listening, one hears actual contacts and learns the normal procedures.

Speak clearly and slowly, especially when giving your call sign. Don't be afraid to say "This is KK4KHS, looking for a signal report. Anyone around?" Have fun, it's a hobby.

See you at the meeting!

Mike Smith, KK4KHS



Meeting Information April 11, 2019

Annistown Road Baptist Church 4554 Annistown Rd Snellville, GA 30039

Fellowship Hall in the Back of the Church.

The Original Text Messaging Machine - A Deeper Look

Steve, N4TTY and Nick, NoNCQ

AMRC Repeaters

146.760– On St. Mtn. approximately 110 ft up the TV transmission Tower. ECHO LINK available on the 76.

441.8125– on Stone Mountain under the dome.

145.450– Exchange Park

444.250– Exchange Park

224.760– Exchange Park



Repeater Manager Barry Kanne W4TGA

radio.w4tga@gmail.com



AMRC MEMBERSHIP

January 1, 2019=

107

Welcome New Member:

Linda Schreiber KJ4NYT

Become a member of AMRC or renew by visiting our website <http://totr-radio.org/membership/memapp.htm> Click [here](#).

To Make Changes to your membership (new address, email, or phone number) please email

Steve Garrison

Membership Chairman

Steve.n4tty@gmail.com

Update or renew your amateur radio license with the FCC at their website for free <http://wireless.fcc.gov/uls/index.htm?job=home>. Click [Here](#).

Update or renew your ARRL membership at their website <http://www.arrl.org> Click [here](#)

Club Dues are Due in January.

Dues help support our repeaters and club activities. Thank you for promptly renewing.

Steve Garrison

N4TTY

Membership Chair



Happy March Birthday from AMRC

DOB	CALL	FIRST NAME	LAST NAME
MAR 03	K4IT	Jerry	Hundley
MAR 04	KM4EQS	Bill	Santangelo
MAR 04		Joline	Maxfield
MAR 05	N4MPC	Pat	De Loe
MAR 05	KJ4LUT	Lihua	Fu
MAR 06	WD4NFT	Jim	Spencer
MAR 08	K2TEC	Mac	McGuirt
MAR 09	KI4LYM	Hugh	Barnhardt
MAR 09	KJ4CQJ	Elliott	Fried
MAR 09	KV4WH	David	Smith
MAR 11	KK4KHS	Mike	Smith
MAR 12	WA4BXA	Jay	Sager
MAR 14	W3BLT	Ben	Team
MAR 15	WA4VFH	Ed	Honeycutt
MAR 17	N4RAR	Jim	Penland
MAR 17	KG4KKN	Patrick	McCullough
MAR 17	N4UJ	Gene	Blackburn
MAR 20	KI1KER	Greg	Kiker
MAR 21	KW4JK	Greg	Foster
MAR 24	WA6NGC	Mark	Fehlig
MAR 28	KE4RED	Matt	Blackburn
MAR 30		Susan	Coletti
MAR 31	W4ZOT	Barry	Woodward

May all your Ham gear Wishes
come true!



Barry Kanne, W4TGA

AMRC Spotlight Member of the Month

Hello and thanks for dropping by. I began my ham radio adventure in 1953 in my Phoenix high school. My work life kept me in radio first with Motorola and then in the radio paging industry as a system supplier and manufacturer.

The photo is in our 34 foot fifth wheel RV which is equipped with both HF (Flex-6300) and VHF/UHF with a self contained 12 volt power system to support the radios.

Much of my time is devoted to ARES activities in my home county near Atlanta.

Last summer we traveled with the RV to the California. Of course the Flex 6300 was there to keep us in touch with friends both old and new as we roll around the country. On our travels we found the Metter Roadrunners, a group of RV hams from central Georgia. We look forward to meeting up with them in the coming months.

More later,

73 - Barry



Barry is our Repeater Manager. He is talented and ensures that we all can use the repeaters in excellent condition. Thanks Barry! Barry has been instrumental in getting us on DMR. Barry is a member along with his wife Judy, K4JKL. Above taken from his QRZ page. [Update your QRZ page](#) and email Gretchen at gretchelby@gmail.com. You maybe the next member spotlight.

STONE MOUNTAIN, GEORGIA USA
Gwinnett County – EM73wt



AB4NX

Larry Whited
4884 Manor Drive
Stone Mountain, GA 30087




<http://shallowsailing.com>

Larry Whited

Larry is a member of AMRC and GARS. He is the Gwinnett EC for Gwinnett ARES.

Contact Larry on the air and ask for his QSL Card.

Send the Totr your QSL card and we will feature it in the Totr. Or if you have received a unique card, share it with the club by sending it to gretchelby@gmail.com

2 Tips of the Month

Pat DeLoe, N4MPPC

1. Do you find your hotspot to the internet is degraded but the receive signals are fine? You may have a de-sense problem with the router Wi-Fi receiver due to overload from your HT. Try placing the hotspot near the Wi-Fi router and run the HT on the lowest power to see if that solves the problem. Test by using DMR parrot on TG 310997. Check packet loss into the hotspot from your HT vs packet loss back from the internet. You should see no packet loss from either direction. ‘
2. Try the digital multi mode reflector QuadNet and connect by DMR, D-Star, Fusion, Echolink, or Peanut.

D-star: XRF757A, XLX735A, XLX307D, XLX049D

DMR: Brandmeister TG 31012, DMR+reflector4541, DMR gatewayXLX307

Fusion: roomYSF 37099

Echolink: conference *WWARG*

Peanut: XRF757A

For Additional Quadnet info and times Click [Here](#)



2019 AMRC Officers and Committee Chairs

Mike Smith KK4KHS
President
smithrm71@yahoo.com



Greg Mann KM4RKT
Vice President/ Apparel Mgr
km4rkt.greg@gmail.com



Anthony Acker ND4AA
Secretary



Zack Buersmeyer KN4HKB
Treasurer



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



Barry Kanne W4TGA
Repeater Manager
barry.kanne@gmail.com



Jim Penland N4RAR
DeKalb ARES EC/ Counsel
jwpenland@jwpenland.com



Steve Vogel W4PSV
Public Information
svdec@bellsouth.net



Steve Garrison N4TTY
Membership
Steve.n4tty@gmail.com



Zargon W4PSB
Field Day Chair



Gretchen Mann W1MKW
Totr Newsletter Editor
gretchelby@gmail.com



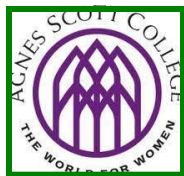
Frank Haynes KV4SP
VE Team Chair

If you would like to serve on a committee or assist a chair person in their work, contact Mike KK4KHS. It is a great way to make contacts and learn. Don't be shy.

March 2019 Calendar

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1	2 Breakfast 7AM Hardees Turnip Turck Net 11pm
3 AMRC Sunday Night Net 7pm	4	5	6 Emm Comm Rag Chew 8pm DMR Net 8pm	7	8	9 Breakfast 7am Hardees State ARES Meeting Turnip Truck Net 11pm
10 AMRC Sunday Night Net 7pm	11	12	13 Emm Comm Rag Chew 8pm DMR Net 8pm	14 AMRC Monthly Meeting 7pm	15	16 Breakfast 7am Hardees Turnip Truck Net 11pm
17 AMRC Sunday Night Net 7pm St Patrick's Day	18	19	20 Emm Comm Rag Chew 8pm DMR Net 8pm	21	22	23 Breakfast 7am Hardees Turnip Truck Net 11pm
24/31 AMRC Sunday Night Net 7pm	25	26	27 Emm Comm Rag Chew 8pm DMR Net 8pm	28	29	30 Breakfast 7am Hardees Turnip Truck Net 11pm

Public Information



By: Steve Vogel W4PSV

2019 Schedule Agnes Scott

Observatory and Shack Open House

8-9 pm :

March 22: William A Calder Spring Equinox

Concert

April 12: Alumna Lecture and Open House

May 3: Kevin Marvel (American Astronomical Society)

**For More Info about Agnes Scott Partnership or Events, contact Steve Vogel W4PSV
svdec@bellsouth.net**

AMRC Merchandise

Jackets

Polo shirts

Tshirts

Hats

Name tags

Emergency Vests

Contact Greg Mann KM4RKT

km4rkt.greg@gmail.com

Cash, Credit/Debit, Checks

Google Pay, and Apple Pay

Accepted.



February 2019 NET NUMBERS

AMRC		DeKalb ARES			Turnip Truck	
Sunday Night Net			RF	Winlink/DRats		
February 4	27	February 4	No Report	8/No Report	February 3	20
February 10	18	February 10	11	10/8	February 10	9
February 17	22	February 17	15	10/6	February 16	23
February 25	34	February 25	15	10/9	February 24	19

To participate as Net Control for the Sunday Night Net , please go to the club's website at <https://www.totr-radio.org>. Scroll down and Click on the link to the Net Control sign up sheet or click [here](#). Thanks for your help.

Ask a Turnip

Q. What is normally meant by operating a transceiver in “split” mode? And why would you run “split” mode?

Single sideband (SSB) operations on the HF bands sometimes require slightly cleverer operating techniques than we’re accustomed to with most FM or digital ops on the VHF/UHF bands. Operating in split mode is one of those techniques that can come in handy in a difficult situation. Here’s the scoop...

Suppose you’re dialing across the 20-meter band one fine sunny afternoon and you hear a station calling from Mauritius, an island off the east coast of Madagascar. What a DX catch that would be! But after hearing the snippet of the station operator’s call followed by “QRZ,” your receiver gets blasted with a pile of strong, local transmissions, all in response to the Mauritius call. And some of the US stations go on and on for many seconds, striving annoyingly to make their call signs heard to Mr. Mauritius, the highly desired, rare DX contact. As a result of the discord of strong-signal responses in the US, no one was able to hear the relatively weak signal of Mr. Mauritius responding with one particular station ID that he desired for a contact. Everybody loses because of this operational inefficiency – even though contacts will be made within the chaos, a greater number of contacts could be achieved in the same time with smarter ops.

There is a better way to handle such a pile up. The highly desired station that is running the pile up can operate in split mode. In split mode the operator adjusts the transceiver to transmit on one frequency and receive on a different frequency. With the other stations complementing this operational arrangement, the pile up chaos is reduced significantly. Follow the reasoning...

Mr. Mauritius establishes a 5 kHz split: He transmits on 14.250 MHz, but he receives on 14.255 MHz.

The US stations complement by transmitting on 14.255 MHz while receiving on 14.250 MHz, exactly inverse of Mr. Mauritius. Mr. Mauritius picks out a US station ID heard on 14.255 MHz and responds with a transmission on 14.250 MHz. The strong-signal US stations are no longer transmitting on 14.250 MHz, so the weak signal of Mr. Mauritius is heard by the US stations without all the strong QRM masking his signal. The lucky US station identified by Mr. Mauritius gets the contact, the other stations hear the station ID and end their wild transmissions to await the next “QRZ” utterance from Mr. Mauritius so they can try again.

atmospheric conditions of our planet. However, this is not the end of the story.

With this operating technique the pile up runs smoother and more efficiently, and more contacts can be squeezed into the air time made available by Mr. M and the unpredictable atmospheric conditions of our planet. However, this is not the end of the story.

In order for split mode to work well everyone has to play along. Just as with your imagined scenario, there will be other stations dialing along and discovering this exceptional DX contact opportunity over time. And those stations will jump into the fray, transmitting in ignorance on 14.250 MHz instead of 14.255 MHz because that’s where they hear Mr. M transmitting. The whole problem again rears its ugly head.

So, Mr. M has to run the pile up properly. The highly desired station should include the split mode information in its transmissions very frequently so that new stations stumbling across the party understand the game. For instance, Mr. Mauritius may want to state at the end of a contact, “This is 3B8ABC listening up 5 kHz. Listening up five. QRZ?” This way, any new stations wishing to attempt contact will know to set up a split mode and transmit 5 kHz above the listening frequency.

Other splits are common, perhaps 10 kHz or even greater, and the split may be listening down as well as up, as in our example. If you wish to set up a split mode for your transmissions, just be sure to make the split greater than the typical SSB bandwidth of 3 kHz so that there is absolutely no overlap of transmit and receive SSB bands. Also make sure that both frequencies in the split are not otherwise in use, so to avoid interfering with other ongoing QSOs.

Answer: The transceiver is set to different transmit and receive frequencies

You’ll find split mode in operations quite common, especially when propagation is good and the DXers have come out to play.

You can ask a Turnip a question on the Turnip Truck Net. Net is held every Saturday at 11pm. We crank up the truck around 10:30 for pre net Rag Chew. Please join us. Once you check in you will always be known as a Turnip. Disclaimer: Turnips are not the brightest. This may not be a typical answer you may receive on the turnip truck. BYOTJ!– Bring your own turnip juice!

Peach Corner Monthly

Recipe: Baked Ham

Sandwiches

16 slices of bread, crusts removed, butter on one side

Place 8 slices in a 9x13 pan, butter side up,

Cover each slice with a piece of ham and a slice of Velveeta cheese.

Cover with remaining slices of bread butter side down (Just like a ham sandwich).

Pour the following mixture over the sandwiches:

5 eggs, slightly beaten

1tsp onion juice

3 cups of milk

Salt and pepper

Cover with butter bread crumbs (make them from crusts)

Bake 1.5 hours at 325 degrees

Cut into squares.

Breakfast or lunch, perfect with some fruit or a salad.

Can make the night before. Refrigerate overnight before baking in the morning.

Send your favorite recipes into Gretchen Mann
W1MKW, gretchelby@gmail.com



The AMRC sadly announces that **Maurice Tanner, KJ4NYV** became a silent key February 10, 2019.

Maurice and Katherine KJ4NYU have been long time members of the Alford Club and have been active in many of the clubs activities. Our condolences to Katherine and his family.



BUY SELL SWAP

For Sale :

1. Contact Doug KX4IB. For Sale ICOM 51A+2 HT Dual Band D-STAR to be sold with accessories. Owner has 2 HTs and wants to sell his ICOM. You can contact Doug on QRZ and he will be happy to send pictures and prices. Thank you for your interest. Great Radio.

2. Contact John W5NNH. For Sale TYT Quad Band Mobile Rig with Quad Band Antenna. Contact Seller on QRZ for specifics.

Wanted:

1. Pignology Piglet Bluetooth adaptor. Please Contact John W5NNH if you have one to sell.

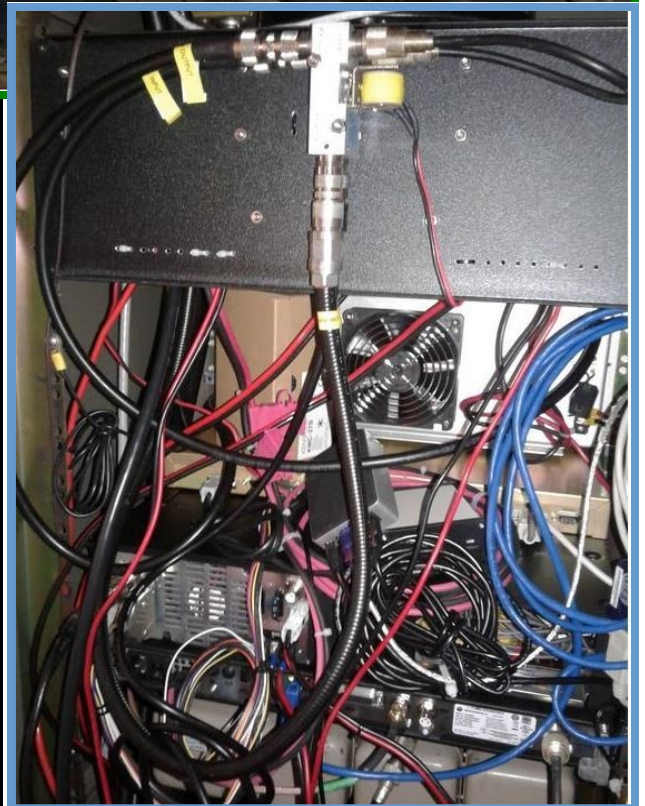
(Right) This is the GPTV antenna tower showing the light strings that cause us problems during November and December. If I remember correctly the W4BOC receive antenna is the second one up on the left side above that white cylinder. As you can see it is VERY close to the light strings.



(Above) The front of our club equipment rack showing from bottom to top:

Black front of Power Supply with two meters, silver end of the duplexer for the DMR repeater, the thin (1U) rack mount Motorola DMR repeater, the Kenwood 146.76 repeater, The S COM repeater controller for the Kenwood repeater, and at the top the power amplifier for the 146.76 repeater.

(Right) The BACK of the club equipment rack proving that radio is NOT really wireless! It also shows why it might take a bit of time to find a bad cable.



Up Close And Personal With The Stone Mountain Repeater Equipment:

Tom WA4GIM and Barry Kanne,
W4TGA

HAM RADIO OUTLET

HRO Atlanta, Georgia
6071 Buford Hwy NE,
Atlanta, GA 30340
Store Hours Mon -Sat
(10am- 5:30pm)
770-263-0700 (Phone)
770-263-9548 (Fax)
atlanta@hamradio.com

Law Offices of Ruth Primm and James Penland

www.northlakelawfirm.com

Hamtoons

CARTOON QSLs
-- AND MORE!

Jim Massara,
N2EST
n2est@hamtoons.net



SHANE'S

rib shack

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

Come to breakfast for food & conversation every Saturday at 7am at Hardees located at 5259 Stone Mountain Hwy Stone Mountain, GA 30087.



Thanks Karen Whited, AB4NW. Junior (left) listens to CQ calls while keeping the paper warm for Karen and Larry. Send up your picture of your pet playing radio. We will put them in the Totr.