

SPARKS

P.O. Box 342768 * Memphis, Tennessee 38134-2768 * Volume 38 * March 2019



Delta Amateur Radio Club (DARC)

Sparks Newsletter

Website: <http://deltaclub.org>

Facebook: <https://www.facebook.com/darcmem>

W4BS

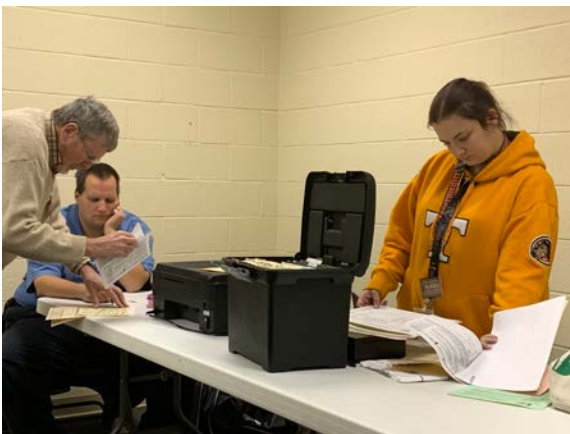
REPEATER SYSTEM

146.820^{-107.2} * 147.360^{+107.2}
146.625^{-107.2} 443.200^{+107.2}
224.420^{-107.2}
144.390 Digipeater *Fusion

This month's meeting begins at 7 pm on March 12, 2019, at Ellendale Church of Christ, 7365 Highway 70 Memphis, TN (1 ½ miles north of Highway 64 (Stage Road)).

Program: **Ed K7EDT will be discussing the upcoming W4M special event.**

Delta Club FCC testing sessions are held monthly except December. Registration begins at 5:30 PM; testing begins by 6:00 PM. Please bring a photo ID and another form of identification, copies of existing licenses or CSCEs, and your FCC Registration Number (FRN) if one has been issued. Please be on time for registration to allow our Volunteer Examiner (VE) team to complete their work prior to the club meeting. The 2019 test fee is \$15 (cash or check). Individuals receiving their initial FCC license grant at a Delta Club test session or through a Delta Club training class will receive a complimentary individual club membership for the remainder of the current calendar year when they also show proof of



ARRL membership. For more information, please email our VE Liaison, Jeff Krause, AJ4GY at AJ4GY@comcast.net or call at 901-301-6776.

Congratulations to the 2018 Ham of the Year! Ed Taggard K7EDT. Ed has made his presence known in the Delta Club by participating in several activities and became a Net Control Operator earlier in 2018. Thanks for being a great ham, Ed!



President's Corner
Submitted by Steve Frazier, KK4VPT

A few minutes before the February meeting started, 2 gentlemen came in the door and asked "Are we at the right place?".

Since I saw that the older of the two had on a baseball cap with a call sign on it, I said " Looks like you are, come on in and grab a seat". When we did the introductions at the beginning of the meeting, the older gentleman said "W6HTY and my name is **Johnnie Spotts and I was the first president of the Delta Amateur Radio Club**". I was already looking forward to the February meeting because it was going to be about digital operations, but now I knew we were going to have a great meeting! At the break during the meeting, I talked with Johnnie and he asked if I thought anyone would like to hear him give a little talk after the presentation. If you missed the meeting, here is a link to see and hear what you missed -

<https://photos.app.goo.gl/8ewiDX1TEm9Asx9UA>.

Johnnie recently moved back to Lexington, TN after living in California for over 30 years. We are glad to have him back in the area and hope to see him whenever he is able to join us.

Freefest will be next month, we are starting to plan for a special event for Memphis' 200th Anniversary in May and yesterday I received an email letting me know we will soon have planning meetings for Field Day in June. So we have a lot of activities and opportunities on the near horizon. The good news is that these are all participation events not spectator events.

I look forward to seeing you at the next meeting and at any of the activities that you are able to join us. Don't forget to check in on the 146.82 net every night except the 2nd Tuesday of the month. Thanks to our dedicated net control operators, the net is a great way to keep in touch with everything that is going on at the Delta Amateur Radio Club.

73
Steve
KK4VPT

Treasurer's Report Submitted by David Jackson KM4SEC
--

Please RENEW your Delta membership right away, so you won't forget about it! Download the new member or renewal form: <http://deltaclub.org/documents/application-15-3.pdf> Membership for one is \$20 or family is \$25. You can fill out the form online and email to David Jackson KM4SEC. davidjackson@bellsouth.net

If you prefer you can print the form and bring the completed form, along with the membership fee to any meeting.

02/01/2019 Beginning balance (credit)	\$13,218.82
---------------------------------------	-------------

6 deposits (credit):

2019 Memberships:	\$175.00
Franklin Estate Sale:	\$673.89
Total of deposits	<u>\$848.89</u>

Total:	\$14,067.71
--------	-------------

3 checks (debits)

Christmas party food:	-\$23.58
TN. Annual 2018 Report:	-\$40.00
Franklin Estate expense:	-\$216.50
Total of checks:	<u>(\$280.08)</u>

02/28/2019, (credit) ending balance :	\$13,787.63
---------------------------------------	-------------

Small Business CD-0228 (1.590%)	\$10,323.08
---------------------------------	-------------

Small Business CD-8041 (2.230%)	\$10,725.44
---------------------------------	-------------

There is still an outstanding check. #1484 Ben and Kathy Troughton for \$25.00.

I adjusted my checking balance by \$75.00 as I had \$75.00 to much so I subtracted \$75.00 off of balance which left the \$25.00 for Troughton's outstanding check.

- Everyone who has paid their 2019 dues should have their membership card in their email. If you do not have it, please let Mary Jean know!

- Starting at the April meeting, the sign-in rosters will be based off the 2019 active members (and not 2018), so be sure to get the current year's dues in. Also, thank you to everyone who has renewed so far!

DARC Board of Directors Meeting Minutes
March 5, 2019 -- Submitted by Mary Jean Hall KN4FBL

-Attendees: Steve Frazier KK4VPT, Bob Van Keuren KM4SEB, Mary Jean Hall KN4FBL, David Jackson KM4SEC, Joe Lowenthal WA4OVO, Barry McDonald W5CJ

Absent: Bob Vawter KW4RJ, Ed Taggard K7EDT, Scott Adams KM4PMU, Len Grice W4MKS

-Steve F. called the meeting to order at 6:30 p.m. at the Ellendale Church of Christ.

-David J. asked about the Club Historian role and recommended that the board look into filling the position. Steve said he would bring it up at the meeting, that any member who may be interested in serving as the Historian should let the board know.

-David J. said that everything that needed to be filed, such as tax forms and other reports, has been filed. He also read the Treasurer's Report and addressed the addendum. The \$75 was written down incorrectly, and everything is currently balanced.

-Steve F. said that Art with Memphis FreeFest asked about Delta Club providing a donation again for the door prizes. The board members agreed to continue with the \$200 donation.

-The board discussed the review of memberships per the club's bylaws.

-Barry M. said he purchased a new antenna for the APRS 2M repeater on Methodist North. He plans to install it this week, and then get APRS back up and running. He now has full access to the QRZ page, too, and asked everyone to look over it for recommended changes and additions. Joe L. asked everyone to look over the deltaclub.org website for updates.

-The board discussed the option of having a table at the Union City Hamfest, and started discussing the logistics for the Huntsville Hamfest.

-Joe L. made a motion to get two tables at Free Fest. Bob V.K. seconded the motion. The board unanimously approved.

-Joe L. said that there are 13 students in the current Technician class, with one auditing. He also informed the board about his status/progress as a Laurel VEC.

Barry M. said that he is currently re-programming the raspberry pi for the Germantown repeater, and is just about finished.

-Joe L. moved to adjourn and Barry M. seconded the motion. Without objection, Steve F. adjourned the meeting at 7:44 p.m. The next Board of Directors meeting is scheduled for Tuesday, April 2 at 6:30 p.m. at Ellendale Church of Christ.

Minutes of Last Month's Club Meeting
February 12, 2019 Submitted by Mary Jean Hall KN4FBL

Call to Order and Opening Remarks

Club President Steve Frazier KK4VPT called the meeting to order at 7:01 p.m. at the Ellendale Church of Christ, and welcomed everyone to the meeting. Everyone then introduced themselves by name and call sign. The club also welcomed the presence of the first Delta Amateur Radio Club President, Johnnie Spots W6HTY. 55 members and 7 guests were present for the meeting.

Secretary's and Treasurer's Reports

Ham Hilliard W4GMM moved to approve the previous meeting's minutes and the Treasurer's Report as published in Sparks. Ken Laseter KI4AOH seconded the motion. The minutes and the Treasurer's Report were unanimously approved by the club.

VE Testing

Jeff Krause AJ4GY said that tonight's VE testing produced one new licensee who passed both the Technician and General exam.

Announcements

Barry McDonald W5CJ encouraged everyone to check out the equipment for sale from the Franklin estate.

Steve Frazier KK4VPT said that the YLs and everyone who participated did a great job with **Swamp Stompers**.

Steve Frazier KK4VPT asked the club for input on the current door prize setup and whether or not door prizes should be offered every month or have nicer door prizes at the end of the month. Anyone with a strong opinion or suggestions about the frequency of door prizes offered at meetings is encouraged to contact a board member.

W4M Memphis Bicentennial Event

-Steve Frazier KK4VPT said that, thanks to the suggestion made at last month's meeting, we are moving forward with the idea to host a special event for the City of Memphis Bicentennial Celebration this May. Delta Club has secured the special call sign, W4M, for about two weeks in May 2019.

-Ed Taggard K7EDT encouraged anyone interested in volunteering for a committee for this special event to sign up at the meeting or contact him. The committee will need to work on several tasks: set a location, design and plan the mailing for a QSO card, marketing, logging, schedule, etc. The actual date for Memphis's Bicentennial is Wednesday, May 22, 2019 but several events are occurring on Saturday, May 25, 2019.

-Club members posed questions and made suggestions for the event. Steve Frazier KK4VPT pointed out that it has been several years since Delta Club has hosted an event, though we frequently participate in them.

According to David Webb KV4QI, ARES West TN - District 1 Assistant District Emergency Coordinator, ARRL is working to reboot the EC001 online course. He has been serving as an alpha tester for the new course, and said that they believe it will be available soon.

HAM 101

Ham Hilliard W4GMM said that next month HAM 101 will cover different organizations within the

Ham Radio community. HAM 101 meets every Delta Club meeting night at 5:30 p.m. upstairs at the Ellendale Church of Christ. Though several subjects are planned through July, anyone with ideas can email him at w4gmm@bellsouth.net.

Break/Presentation

Steve Frazier KK4VPT called for a break from 7:29 p.m. to 7:41 p.m. Ed Taggard K7EDT introduced Cliff Gurlen NS4B and Rick Pinelli KA2BSM with the Memphis Digital Radio Club. They spoke about digital radio.

Johnnie Spotts W6HTY Visit

After the scheduled presentation, Ed Taggard K7EDT introduced Johnnie Spotts W6HTY, the first Delta Amateur Radio Club President. Spotts spoke about how a group of 8-9 individuals organized the club in Whitehaven in 1961. He told the club about the activities that the early DARC members participated in, and he even shared a few memories about his time as a pilot for Frank Sinatra.

-He spoke about how the club has grown since the beginning. "It's good to see a turnout like this," Spotts said, referring to the members in attendance. Some of the early club activities and hamfests occurred at a local ice cream parlor and at the fairgrounds. Early members volunteered with the Cotton Carnival Parade by riding on the floats to help communicate if any issues arose. "It was a lot of fun," Spotts said. "We had a lot of mobiles back then."

-When asked about the club's emblem, he said that the current one wasn't the original one. According to Spotts, his wife designed the first Delta Club emblem, which featured tubes and an antenna.

-The early Field Day activities occurred in the Whitehaven shopping center parking lot, which received a fair amount of traffic. He briefly discussed his time as a pilot for Frank Sinatra, and how he flew all over the world. "We got along well... We agreed that he wouldn't fly and I wouldn't sing," Spotts jokingly said.

-He finished up by saying, "I'm glad to be here. This club has a dear place in my heart."

Drawings and Closing Remarks

One prize was given away:

Barri Munday WB4SWP, Range USA range pass.

Ham Hilliard W4GMM moved to adjourn, and with no objection, Steve Frazier KK4VPT adjourned the meeting at 8:56 p.m. The next Delta Amateur Radio club meeting will be Tuesday, March 12, 2018 at 7 p.m. at the Ellendale Church of Christ.

HQ 101

Submitted by Ham Hilliard W4GMM

HQ 101 is for new hams, old hams, and hams that want to know more about their hobby. This class is for you and I need to know what you want to learn about, so if you have a subject you are curious about let me know and if there is enough interest I will offer it one month. Email me at w4gmm@bellsouth.net.

HQ 101 will meet at **5:30** pm on March 12, 2019 and the discussion will be MARS, ARES, ARRL and RACES their purpose within the Ham Radio community.

Delta Ham License Training, 2019

Submitted by Joe Lowenthal WA4OVO, DIRECTOR OF TRAINING

There is no charge for classes, but the student is responsible for the purchase of the license manual and the \$15 ARRL FCC examination fee.

If you want to take a class, send an email to Joe at wa4ovo@gmail.com with the class name; ie, Tech Class, General Class, or Extra Class, on the Subject line and name, callsign if you have one, email address, and cellphone number in the text.

Licenses Earned in 2019 from Delta Classes

11 Technician

0 General

5 Extra

Note:

The current Technician ARRL Ham Radio License Manual Fourth Edition with question pool that became effective July 1, 2018 for four years. This is the new question pool.

The current ARRL General Class License Manual is the Eighth Edition with question pool that became effective July 1, 2015 for four years.

The current ARRL Extra Class License Manual is the Eleventh Edition with question pool that became effective July 1, 2016 for four years.

As of September 3, 2015 there is no longer any charge for Vanity callsigns.

If you know anyone interested in a class, send an email to wa4ovo@gmail.com with the Subject Line for the class they want and name, email address and cellphone number in the text. If a ham, add callsign to the text.

CURRENT CLASSES

Tech Class 2-19 – February 21-March 28, 2019

Tech Class 2-19 is being held on six Thursday nights from February 21 thru March 28th. The location is the Germantown Police Department training room, 1930 South Germantown Road. Sixteen students signed up for the class with thirteen attending the first class and a self-study Tech auditing the class.



Barry W5CJ leading Tech Class 2-19.

Photo by Joe Lowenthal WA4OVO



Tech Class 2-19 with Shelby County EC John Reiners KN4BVH calling the ARES Net in back of picture from the class
Photo by Joe Lowenthal WA4OVO

COMPLETED CLASSES

Tech Review for CBU February 20, 2019

A Tech Review class was held on February 20th for 11 Christian Brothers University students in the second Engineering Department upper division elective course, Introduction to Unmanned Aerial Systems. All 11 students earned their Technician license. The students were either Electrical, Mechanical or Computer Engineering majors. Dr. Eric Welch WD5FTA is the professor. He is Department Chair of Electrical and Computer Engineering. The Laurel VE Team of Dr. Welch WD5FTA, Joe Lowenthal WA4OVO, Bill Stevens WC9S, Barry McDonald W5CJ and Len Grice W4MKS administered the FCC test session

Extra Class 1-19 January 5 – February 16, 2019

Extra Class 1-19 began on January 5th through February 16th excluding January 26th (Jackson MS Hamfest) on six Saturdays from 9am-1pm at the Memphis Police Department Northeast Precinct, Appling Farms Station, at 6850 Appling Farms Parkway. Nine students began with seven completing the class.

Congratulations to Steve Evans KM4VYA, Carolyn Horne KX4QF, Jerry Kirkscey KX4QE,



Robert Murry KN4OEF, and Bob Waters KN4PDW for earning their Extra Class license at the class ARRL FCC test session. The Delta Club VE Team of Jeff Krause AJ4GY, Joe Lowenthal WA4OVO, Barry McDonald W5CJ, Bill Stevens WC9S, and David Webb KV4QI provided the FCC test session on February 16th.

Extra Class 1-19 from l to r: Jerry KX4QE, lead instructor Joe WA4OVO, Steve KM4VYA, Carolyn KX4QF, Scott KM4PMU, Robert KN4OEF, and Bob KN4PDW
Photo by David Webb KV4QI



Extra Class 1-19 with instructor Barry W5CJ leading the class
Photo by Joe Lowenthal WA4OVO



David Webb KV4QI presenting his philosophy of testing during Chapter 7 & 8 of Extra Class 1-19
Photo by Joe Lowenthal WA4OVO

The instructors are Joe Lowenthal WA4OVO, Dean Honadle N2LAZ, Pat Lane W4OQG, Paul Roberts KA9VAU, Barry McDonald W5CJ, and David Webb KV4QI.

General Class 4-18 November 1 – December 13, 2018

General Class 4-18 was held from 6:15-9:30 on six Thursday nights from November 1st to December 13th excluding November 22nd at EMHC Ambulance Company training room, 6972 Appling Farms Parkway. Fourteen students began the class. Ten students finished the class with six upgrading to General Class.

Congratulations to Steve Beale KM4AEO, Carrie Blackwell KN4LCU, Bill Johnsen KM4VXW, Jim Martin KD4FUU, Robert Murry KN4OEF, and Bob Waters KN4PDW. I'm sure the other four will get their upgrade soon. Also testing during the class test session, congratulations to William Womble KI4CRC for earning his Technician license and Rick Armstrong KN4IKP and Carolyn Horne KN4QNV for upgrading to General.

The instructors were Joe Lowenthal WA4OVO, Pat Lane W4OQG, Len Grice W4MKS, Barry McDonald W5CJ, Perry Hayes N4PSH and John Reiners KN4BVH. The Delta Club VE team led by Jeff Krause AJ4GY provided the FCC testing session at 7pm on December 13th. Thanks also to Ham W4GMM, Stacy Krause KJ4MDA, Joe Lowenthal WA4OVO, Barry McDonald W5CJ, Bill Stevens WC9S and Tom Ungren KK4ZZZ

HOW TO PRINT YOUR FCC LICENSE

1. Go to **<https://wireless2.fcc.gov/UlsEntry/licManager/login.jsp>**
2. Enter your FCC Federal Registration Number (FRN) and Password
 - a. If you do not know your FRN, go to Search box and click on License
Click on Amateur; Enter your callsign in Callsign box;
Your FRN is in center of page after your name
(If you do not know your Password, click on Contact Tech Support after Forgot
your Password)
3. In When My Licenses screen comes up, Click on Now in the green line reading “Change your paper authorization preferences [here](#), or download your official electronic authorizations [now](#)”
4. In Under Download Authorizations screen, highlight your callsign in the My Authorization area at the bottom left.
5. Click on ADD to right of the highlighted callsign.
6. Highlight your callsign in Authorization to Download and then click on Download on bottom right of screen.
7. If pop-ups are blocked, click on Allow One
8. Click Open at bottom.
9. Print your License.

Amateur Hardware Update

Article and image submitted by James Butler, KB4LJV

As our equipment ages we break the wire connections due to movement over the years. These are usually soldered back up but the insulation has to be removed and we now have a chance of a short. For years I just wrapped up the patch with electrical tape. Tape can come loose and shift



along the wire exposing the bare wire. The professional way is to use heat shrink wire wrap when we do the repair. This is a rubbery tube you can slide over the repair. You then apply heat with a heat gun, hair dryer, or even a lighter which shrinks the tubing down over the fix. The heat shrink size reduces to about half size when heated. The best way to buy this is a variety pack that includes different sizes you can use as needed. The standard color is black but you can buy it in different colors if you want. This is great to have on hand when you do a repair. On Ebay you can get an assortment with hundreds of pieces in black or in colors for under \$6.00. Do a search on Ebay for “wire shrink tubing” to see all the options.

Amateur Packet Update

Submitted by James Butler, KB4LJV

When operating our equipment portable on batteries one problem is battery voltage drop to our equipment. Most amateur equipment works best at 12 to 13.8 volts DC. MFJ has come out with a battery voltage booster to solve this problem, the input is from your battery which can be as low as 9 volts and the output is adjustable from 12 to 13.8 volts at 30 amps. This allows for a constant voltage to your rig as the battery is discharged. The output is adjustable to the rig and the unit even has a battery monitor that watches your battery voltage and sounds an alarm if it goes below a preset level. These units allow you to operate for longer periods in the field while protecting your rig from low voltage damage. If you want more information about this MFJ-4416C battery booster go to their site. You can also download a copy of the manual to look at. The web address is <http://www.mfjenterprises.com/Product.php?productid=MFJ-4416C>

FreeFest
Saturday, April 13

FreeFest 2019 needs volunteers. We need able bodied men and women to help with load in on **Friday 4-6** and help with load out on Saturday **afternoon 3-5**. Please call me at 901-626-3678 or email at **dcvv3714@aol.com**. Thanks for your support with FreeFest 2019.

Dennis Foster KJ4BDU

YL Information
Submitted by Linda KJ4CTX

YL NET – Please join us each Saturday night at 8:45 p.m. on the 146.820 repeater for the YL Net. We enjoy hearing from you.

YL News - March 2018

YL LUNCHEON – Our February luncheon was held at the Ellendale Church of Christ. We enjoyed soup, chili, dip and chips, and dessert. Afterward we went into deco wreath making mood. It was the first time some of the YL's had ventured into this type of craft, but most jumped right in to make their own or assist others in making theirs or just observe. We were not able to complete all of the wreaths so we will meet again this month in the fellowship hall at Ellendale Church and finish our creations. The wreaths are looking very nice. YL's please join us for a **pot luck luncheon** and see what the ladies have created.

Our lucky door prize winner for February was Doris KJ4THA. Congratulations Doris! She won a lovely tan and white blanket shawl.

Our Free Fest booth this year will include several items in our Silent Auction so hope you will plan to attend and come by the YL booth and join in the Silent Auction bidding or just come by and visit for a while. We will have other items for sale in our booth as well and will be making a donation to Le Bonheur based on our sales.

*******PLEASE NOTE OUR MARCH LUNCHEON WILL BE A POT LUCK! This is always a fun day because we get to taste so many different dishes.*******

MARCH'S LUNCHEON WILL BE:

March 16, 2019

11:30 A.M.

Saturday

Ellendale Church of Christ (the regular DARC meeting location)

7365 US-70

Memphis, TN 38133

**** SEE LUNCHEON PICTURE BELOW ****



Left to right – Janet KK4PRT, Barri WB4SWP, Betsy KD4KOM, Gale KI4VDI, Sylvia KN4OEJ (just behind Gale), Doris KJ4THA, Ann WB4FAA, and Janet KN4FBI and taking the photo Linda KJ4CTX.

February DARC meeting notes
Submitted by Mary Jean KN4FBL & Joe WA4OVO



Cliff NS4B and Rick KA2BSM presenting the program about digital radio



Johnnie Spots WH6HTY – 1st President of Delta Amateur Radio Club

SPARKS Newsletter & Delta Club Information

SPARKS is published monthly by the Delta Amateur Radio Club and emailed to club members. All information published in this newsletter is provided as a service. While every reasonable effort has been made to ensure accuracy, neither the Delta Amateur Radio Club nor its officers assume any liability resulting from errors or omissions. All correspondence may be mailed to:

Delta Amateur Radio Club *P.O. Box 342768 * Memphis, Tennessee 38184-2768

Please note that you must provide your name and call sign if you're requesting specific actions or personal follow-ups, and also be aware that any profane or mean-spirited comments will be unceremoniously discarded without consideration.

Delta Club Members Can Like Us/Follow Posts On Facebook! Go to <https://www.facebook.com/darcmem>.

2019 Board of Directors

President

Steve Frazier, KK4VPT
sfrazier1@bellsouth.net
901-218-6385

Vice President

Bob Van Keuren KM4SEB
rtvk@hotmail.com
901-853-0303

Secretary

Mary Jean Hall KN4FBL
kn4fbl@gmail.com
901-356-1475

Treasurer

David Jackson KM4SEC
davidjkson@bellsouth.net
901-487-3016

Director of Training

Joe Lowenthal, WA4OVO
wa4ovo@gmail.com
901-628-4318

Director of Publications

Bob Vawter, KW4RJ
vawter.bob@gmail.com
901-438-4563

Director of Programs

Ed Taggard K7EDT
etaggard@gmail.com
480-225-7327

Director of Meetings & Special Events

Scott Adams, KM4PMU
scottedadams@hotmail.com
901-573-6280

Repeater Trustee

Barry McDonald W5CJ
mbmcdon9085@aol.com
901-853-0510

Public Information Officer

Len Grice, W4MKS
W4MKS@arrl.net
901-522-6711

Immediate Past President

Ken Laseter, KI4AOH
KenLaseter@gmail.com
901-487-9103

ARES
Amateur Radio Emergency Service
Emergency Coordinator (EC) - John Reiners KN4BVH

If you are interested in joining Shelby County ARES, complete an application at www.tnares.com. Click (do not pull down) on INFORMATION on the top right of the page. Then, go to TN ARES Membership and Appointment Application Forms and then click on ARES Membership Application: FSD-98. Complete the form and click on Submit at the bottom. You should get an acknowledgement soon after submitting.

Public Service Events

If you are a coordinator for any of these events, please review the listed information. Please email corrections or additions to vawter.bob@gmail.com.

2019 Date	Event	Contact Information
Jan. 20	Swamp Stompers 50K/25K Run	Ken Laseter KI4AOH
May 4	MOD March for Babies	Linda Laseter KJ4CTX
Sep 7-8	MS-150 Bike Ride	Darrell Sheffield KK4D
Oct 5	Bluff City Blues Bike Ride	
— Dec 7.	St Jude marathon	Roger Schlichter

Hamfests in the South East

2019

January 25-26	Capitol City Hamfest in Jackson, MS
February 8-10	HamCation 2019 in Orlando, FL
February 16	LCARC's 2019 Winterfest in Hoxie, AR
March 1-2	BirmingHamfest 2019 in Birmingham, AL
March 9	MTARS Hamfest Tullahoma, TN
March 23	Ides of March Hamfest in Union City, TN
April 13	Memphis FreeFest in Bartlett, TN
May 17-19	Hamvention in Xenia, OH
July 27	Greater Nashville & Middle TN HamQuest in Lebanon, TN
August 17-18	Huntsville Hamfest in Huntsville, AL
October 18-19	Hamfest Chattanooga in Chattanooga, TN

Tennessee Amateur Radio License Plate
Submitted by Joe Lowenthal, WA4OVO

- As of October 2018 all you need to renew your ham tag is to provide a copy of your FCC license with a copy of your last year's registration or a renewal notice, if you received one, and your payment.

The link below is for information and instructions about Tennessee ham radio call sign Emergency/Safety automobile license plates:

<https://www.tn.gov/revenue/title-and-registration/license-plates/available-license-plates/emergency-safety.html>

The application can be found at this link:

<https://www.tn.gov/content/dam/tn/revenue/documents/forms/titlereg/fl312601Fill-in.pdf>

The following link from the Tennessee Department of Revenue

<https://www.tn.gov/revenue/title-and-registration/license-plates/available-license-plates/emergency-safety.html> has the Amateur Radio auto tag information.

Memphis Area VHF/UHF Nets

Updated January, 2018

Name of Net	Freq. MHz	Offset/Tone	Local Time	Day of Week
Delta Club Information Net	146.820	-(107.2)	8:00p	Daily
YL Net	146.820	-(107.2)	8:45p	Sat
Mid-South Bullfrog Net	146.535	[simplex]	7:30p	Daily
Elmer Net	145.210	-(107.2)	9:00p	Sun
MedMERS Net	146.820	-(107.2)	12:00p	Wed
ARES Training Net	146.850	-(107.2)	9:00p	Thu
Super Sunday Niner Net	927.6125	-(146.2)	8:30p	Sun

Delta Club sponsored Nets are shown in red.

TENNESSEE HF NETS

As of January 2019
All times are Central Time

Net Name	Freq. MHz	Local Time	Day of Week
Tennessee CW Net	3.563	7:00p	Daily
Tennessee Slow CW Net	3.682	7:30p	Tue-Sun
Tennessee Alternate Phone Net	7.238		As needed
CUSEC	3.810		As needed
CUSEC (Center for United States Earthquake Consortium)	7.180		As needed

3980 kHz – Tennessee Phone Net

Mon-Fri - 5:40 AM, 6:45 AM & 6:30 PM

Saturday - 8:00 AM & 6:30 PM

Sunday - 8:00 AM only

Holidays - 8:00 AM only

DELTA CLUB ADVERTISEMENTS



MID-SOUTH AMATEUR RADIO SUPPLY (MSARS)

6631 Vallendar Cv., Bartlett, Tennessee 38135

tel: 901-371-9700 • fax: 901-266-3374 • web: www.msars.com

CURRENTLY STOCKING

Antennas	Antenna Mounts	Connectors	Coax & Cable
HT	Magnet	UHF	RG-213
Mobile	Trunk Lip	"N"	RG-8/U Mini
Base Station	Roof Mount	SMA	RG-58
HF	Window Mount	BNC	450 & 300 Ohm
Wire	Swivel Ball	RCA	Rotor Cable

LDG Electronics	Accessories	Miscellaneous
Automatic Antenna Tuners	RF Chokes	Gordon West Books
Remote Tuners	Power Poles	Coax Seal
Brand Specific Antenna Tuners	Antenna Switches	Fuse Holders
Baluns	SWR/Power Meters	Remote Tuner Boxes
Ununs	Mic Holders	Dog Bone Insulators

Owners/ Operators

Steve
W5VAA

Rosalinda
WN2V

Ham
W4GMM

Mid-South Amateur Radio Supply, (MSARS.COM) is owned and operated by local hams who are dedicated to promoting the hobby and providing help to anyone interested in ham radio. We actively support the local amateur radio clubs and are ARRL members.

MSARS offers free antenna building classes each year and help many new hams with guidance on their first radio, setting up a ham shack, programming a radio and much more. We are proud to be a part of the ham radio community and are *here to help you*.

DELTA AMATEUR RADIO CLUB

P.O. Box 342768
Memphis, TN 38134-2768

DARC Meeting: Second
Tuesday of every month
at Ellendale Church of Christ
7365 Hwy 70, Bartlett TN



W4BS REPEATER SYSTEM
146.82- 147.36+ (107.2Hz tone)
224.42- 443.20+ (107.2Hz tone)



Joe Miller
Owner

Chick-fil-A Paragon Place
6282 Poplar Avenue
At Poplar and Massey
Memphis, TN 38119
W - 901.766.1875
C - 901.230.3043
Joe.Miller@cfafranchisee.com
chick-fil-a.com

**Advertisement forms can be downloaded
from our website –**

<http://deltaclub.org/aboutUs.html>