

SPARKS

P.O. Box 342768 * Memphis, Tennessee 38134-2768 * Volume 65 * June 2021



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}	443.700 ^{+107.2}
144.390 Digipeater	*Fusion

We plan to meet this month **In Person and via "ZOOM."**

Steve Frazier is inviting you to a scheduled Zoom meeting.

Topic: June 2021 Member Meeting

Time: Jun 8, 2021 07:00 PM Central Time (US and Canada)

Join Zoom Meeting

<https://us02web.zoom.us/j/88560921008?pwd=M2FzdDFkZFd1N2xVVVRYM0dNTzkzZz09>

Meeting ID: 885 6092 1008

Passcode: 245856

Program: *"Field Day Prep and Logging Programs"*

For Ham License testing information: Contact Jeff Krause, AJ4GY at AJ4GY@comcast.net or call at 901-301-6776 for information. If enough testers are identified, Jeff will hold a special testing session.

Announcements

None

President's Corner

Submitted by Steve Frazier, KK4VPT

See you Tuesday! I am glad to say that we will be meeting in person for the June meeting. We will also use Zoom to share the meeting remotely. We feel comfortable meeting in person, but there will be a few small changes. Mask will not be required, but everyone will understand if you prefer to wear a mask. We plan to have four seats at each table instead of the usual six seats. We will not provide refreshments at the meeting; but you can bring in something, which may help you if you are coming from work or some prior commitment.

Having the ability to meet in person will make it much easier for us to finalize planning Field Day which will be Saturday June 26 morning - Sunday June 27 at 1pm. Field Day will be at a new location at Germantown Municipal Park, 1900 South Germantown Rd. east of Germantown, south of Neshoba, west of Exeter and north of Farmington with Neshoba, MARA and Shelby County ARES. We will have several stations active during Field Day and that means there are several opportunities for you to participate. If you are new to amateur radio or have not been to a Field Day, I encourage you to join us at Field Day. Field Day is a great opportunity to see different setups and modes actually being used.

Another sign that things are returning to normal is the fact that Delta Club has been contacted by the two bike rides - Bike MS Rockin' Ride and Bluff City Blues Ride - that we have supported for many years by doing communications. They both have asked if we can help again this year. I have let them know they can count on us again this year. We will keep you updated as soon as we get the details. Bike MS Rockin' Ride will be September 11-12 and Bluff City Blues Ride will be October 9.

So dig out your name tag (we haven't seen you in a while and everyone knows I'm bad at remembering names) and get your radios ready - we are finally going to start getting busy again and look forward to having you join us.

73 to all -
Steve Frazier

Treasurer's Report
Submitted by Jim Martin, KD4FUU

Please renew your membership right away, so you won't forget about it! The membership application may be downloaded from our website (for both renewals *and* new members) at:

<https://deltaclub.org/membership>

Annual membership fee is \$20 per individual or \$25 per family. Completed applications and payment may be mailed to:

Delta Amateur Radio Club
PO Box 342768
Memphis, TN 38134-2768

If you prefer you can print and bring the completed form, along with the membership fee, to any in-person meeting. Please contact Jim Martin KD4FUU at kd4fuu@gmail.com with any questions or concerns regarding application submission and/or payment of annual dues.

LIFEGREEN CHECKING FOR BUSINESS			
May 1, 2021 through May 28, 2021			
SUMMARY			
Beginning Balance	\$20,765.51	Minimum Daily Balance	\$20,765
Deposits & Credits	\$620.00 +	Average Monthly Statement Balance	\$20,873
Withdrawals	\$0.00 -		
Fees	\$0.00 -		
Automatic Transfers	\$0.00 +		
Checks	\$0.00 -		
Ending Balance	\$21,385.51		
DEPOSITS & CREDITS			
05/24	Deposit - Thank You		600.00
05/28	Deposit - Thank You		20.00
		Total Deposits & Credits	\$620.00
DAILY BALANCE SUMMARY			
<u>Date</u>	<u>Balance</u>	<u>Date</u>	<u>Balance</u>
05/24	21,365.51	05/28	21,385.51

SMALL BUSINESS CD *0028

Available Balance	<u>INTEREST RATE</u>	<u>YTD INTEREST</u>	<u>INTEREST EARNED NOT PAID</u>
\$10,698.48	1.590 %	\$41.84	\$34.54
▼ View More Details			

Applications Received – May 2021

(0) New Members	\$0.00
(1) Renewals	\$20.00
Total Received	\$20.00
Deposits – Huntsville Bus Trip Fares	\$600.00

DARC Board of Directors Meeting Minutes

Submitted by Carolyn Horne, KX4QF

DARC Board of Directors Meeting Minutes for June 1, 2021

Attendees: Steve Frazier KK4VPT, Mary Jean Hall KY4FB, Carolyn Horne KX4QF, Jim Martin KD4FUU, Joe Lowenthal WA4OVO, Mike Harrison KM4MRW, Ray Cole KX5RC, Scott Adams KM4PMU, and Barry McDonald W5CJ.

Absent: Ian Lucas KN4OEK, Len Grice W4MKS.

Guests: None

The regular monthly meeting of the Delta Amateur Radio Club Board of Directors was held on Tuesday, May 4th, 2021, at 6:30 PM on a Zoom video conference call, with the President serving as chair and the Secretary being present. President Steve Frazier KK4VPT called the meeting to order. Due to the COVID-19 Pandemic, the board met online to abide by state and local guidelines.

Board member Len Grice is on the mend from several back surgeries. Please keep him in your thoughts and prayers.

The board discussed having the June members meeting in person at the Ellendale Church of Christ, with live Zoom streaming as well. Joe Lowenthal indicated that Bobby Stroud KD5BS said he would stream it. He does that for the Olive Branch Club. Steve Frazier will bring his laptop to record it. No refreshments will be served, and masks are optional. It was recommended that we seat 4 per table rather than 6 and stagger the seating so people are not seated back-to-back. The tables will be spaced out.

The board discussed resuming testing before the meeting. Joe Lowenthal contacted Jeff Krause AJ4GY who has confirmed that testing will take place.

Field Day will be the main topic of discussion at the June members meeting, with the Huntsville Hamfest Bus Trip and membership dues also on the agenda. Ray Cole said he had a video on logging ready to present.

Jim Martin read the Treasurer's Report. We took in \$620 this month. Jim Martin and Steve Frazier went to Regions Bank to change the name on the club's account, but the bank required the previous Treasurer to be there as well. There was a discussion about starting a search for a new bank. First Horizon and the Bank of Bartlett were mentioned. Jim Martin will investigate and follow up at the next board meeting. Steve Frazier is having to sign checks for Jim Martin in the meantime.

Jim Martin had questions about how finances are handled for the Huntsville Hamfest Bus Trip. Joe Lowenthal said he buys the tickets once people are on the bus and hands them out along with buttons as they leave the bus.

Jim Martin received four membership application forms in our P.O. Box and forwarded pdf versions of them to Carolyn Horne for processing. Of the applications, one was a renewal and the other a membership card reprint request.

Joe Lowenthal is planning a Tech Class starting the last Thursday of June or the 1st of July going through August 12th. He hopes to pick up interested students from the Field Day 2021 event. He said there has been no response yet from the lawyer reviewing our by-laws updates.

Steve Frazier said a team is meeting Wednesday night, June 2, at 6:30 PM at Germantown Municipal Park to prepare for Field Day 2021. They are having stations there to spec out where to run antennas.

Barry McDonald said all is quiet on his end.

Carolyn Horne read the renewed membership request. Mary Jean Hall moved to accept, and all agreed with none opposed.

Scott Adams reviewed the refreshments available for the June members meeting. There will be bottled water in a cooler but no food until Steve Frazier gets feedback from members.

Mary Jean Hall is *coordinating* food at Field Day 2021. Delta, MARA, and Neshoba will split the costs of Field Day. Regarding polo shirts, she had ordered a Cornerstone polo to test it out in the field and through the wash. It has stood the test and Joe Lowenthal suggested going with that since it is much cheaper, and more members may show interest in buying one. There will be an initial sign-up for polos at the June meeting. Steve Frazier recommended sticking with blue colored shirts as that is our club tradition. The cut-off for ordering one is in July so we should have them for the Huntsville Hamfest Bus Trip.

Steve Frazier talked about Facebook traffic for the Delta Club page. We are showing good numbers of hits and he is fielding a lot of questions from that resource.

Mike Harrison is working on the current issue of SPARKS. He will be putting notices about the June hybrid (in-person and via Zoom) members meeting, the Huntsville Hamfest Bus Trip, and the Delta Club polo shirts.

Steve Frazier adjourned the meeting at 7:30 PM. The next regular Board of Directors meeting is scheduled for Tuesday, July 6, 2021, at 6:30 PM either in person or on Zoom.

Respectfully submitted by Carolyn Horne KX4QF, Secretary

Minutes of Last Month's Club Meeting Submitted by Carolyn Horne, KX4QF

DARC Meeting Minutes for May 11, 2021

Call to Order and Opening Remarks

The regular monthly meeting of the Delta Amateur Radio Club was held on Tuesday, May 11, 2021 at 7:00 p.m. on a Zoom video conference call, with the President serving as chair and the Secretary being present. Club President Steve Frazier KK4VPT called the meeting to order and then welcomed everyone to the meeting. Due to the COVID-19 Pandemic, the club met online to abide by state and local guidelines, marking one year of officially doing this online. At least 54 members and guests were present for the meeting.

Minutes and Treasurer's Report

Ham Hilliard W4GMM moved to “approve the Treasurer’s Report and Minutes as published in Sparks.” Joe Lowenthal WA4OVO seconded the motion. The motion was adopted by the club without objection.

Announcements

Since we had an illustrious guest this evening, we skipped announcements and went straight into the featured program.

Discussion / Program

Ian Lucas KN4OEK introduced our guest, Dr. Bob Heil, K9EID, of Heil Sound <https://heilhamradio.com/> and the Ham Nation Podcast <https://twit.tv/shows/ham-nation> .

Dr. Heil gave a review of his background as an organist and Ham Radio operator, and how both provided a springboard into his lengthy career as a sound specialist and innovator for Ham Radio manufacturers and many musicians. He spotlighted the importance of the 2.5 kHz sweet spot for human voice articulation and the importance of listening versus hearing. Showcasing his state-of-the-art Pro 7 headphones specifically designed for the Ham Radio community, he explained how he came to this concept through his close collaboration with speaker manufacturers and Bell Labs during his formative years.

Steve Frazier KK4VPT has uploaded this fantastic presentation to the DARC YouTube channel <https://youtu.be/E8j-JOS-ifk> . It is full of high value information that will be music to a Ham's ears and is highly recommended. Please like and share.

We hope to have Dr. Bob Heil K9EID back soon to share more of his vast knowledge of Ham audio with us.

Closing Remarks

Mary Jean Hall KY4FB discussed ordering polo shirts for the Club. Several members expressed interest. She is currently working with two vendors, 5.11 Tactical and Cornerstone, to determine which will be the best fit. The goal is to get quality polos at a good price, not to have them in time for Field Day.

Steve Frazier KK4VPT said that the fee for the bus trip to the Huntsville Hamfest is going to be \$75. To book a seat please send an email to Joe Lowenthal WA4OVO at wa4ovo@gmail.com with the subject 'Huntsville Hamfest' and include your email, name, and cell phone number. The bus will leave at 6:30 AM from Germantown Baptist Church and arrive about 9:45 AM at the Von Braun Center loading dock, returning immediately after the drawing and arriving back at the Church around 8:30 PM.

Delta Club President Steve Frazier KK4VPT adjourned the meeting at 9:17 p.m.

The next Delta Amateur Radio Club meeting will be Tuesday, June 8, 2021 at 7:00 p.m. either in person or via Zoom. Check the current edition of SPARKS or the Delta Amateur Radio Club Facebook page just before the scheduled meeting time for more information on any venue instructions or the Zoom link for the meeting.

Respectfully submitted by Carolyn Horne KX4QF, Secretary (2021)

Delta Ham License Training, 2021

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. The FCC will implement a \$35 application fee in 2021.

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 2021 from Delta Classes

23 Technician

5 General

4 Extra

Note:

Coming soon will be a \$35 FCC application fee for new hams, renewals, upgrades, etc except for address or email changes.

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 Ninth Edition with question pool that became effective July 1, 2019 for four years.

The current ARRL Extra Class License Manual is the Twelfth Edition with question pool that became effective July 1, 2020 for four years.

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

As of late 2019, expired Amateur Radio license holders can get their license back by taking the current Technician exam and show proof of their previous license class. A previous Advanced Class licensee will only be able to get a General Class license.

PROPOSED CLASSES

All classes will be 3-1/4 to 4 hours long for six sessions; one per week on a week night 6:15pm-9:30pm or Saturday day 9am-1pm.

The next General license class will probably start in early November 2021.

The next Extra Class license class will probably start in early January 2022

SCHEDULED CLASSES

Tech Class 4-21 – June 24 – August 12, 2021

A Technician license class is scheduled to be held on six Thursday nights between June 24th and August 12th from 6:15-9:30pm if there are at least 10 students. It will be hybrid with part Zoom and part in-person classes. It will be via Zoom on June 24, July 1 & 8 with in-person classes on July 22, 29 and August 12th at Ellendale Church of Christ, 7365 Hwy 70 (Summer Ave). The FCC exam will be offered on July 29th after we do a review of the question pool questions and answers.

If interested, send an email with Subject line: Tech Class 4-21 and your name, email address and cellphone number to Joe at wa4ovo@gmail.com.

CURRENT CLASSES

None

COMPLETED CLASSES

Tech Class 2-21 – February 22 – April 5, 2021

A Technician license class was held one night a week via Zoom from February 22nd thru April 5th on Monday or Thursday nights. Twenty-two students started on the 22nd with 19 finishing the training. An in-person class was held on March 29th for review and opportunity for FCC exam at Ellendale Church of Christ, 7365 Hwy 70 (Summer Ave) in Bartlett.

Sixteen students tested and all passed.

Congratulations to Wallace Bell KO4OWD, Park Dodge AI5CY, Michael Engelken KI5PDQ, Arie McClanahan KI5PDR, Scott McDermott KO4OWE, Terrell Naylor KO4OWF, Craig Owen KO4OWG, Adam Shirley KO4OWH, Don Swindoll KO4OWI, Diane Thomas KO4OWJ, Anthony Tribo KO4OQK, and Bruce Swindoll KO4OWN. Additional congratulations to Michael KI5PDQ and Scott KO4OWE for upgrading to

General. An extra congratulations to Park AI5CY for running the table to Extra Class. Congratulations also to Ina Wiehl KY4GA for running the table to Extra Class at the Atoka TARS test session on March 15th. Congratulations to Mike Murell KO4QBT for earning his Technician and General licenses at the Olive Branch ARRL test session on April 20th.



Tech Class 2-21 test session left side Photo by Joe Lowenthal WA4OVO



Tech Class 2-21 test session right side Photo by Joe Lowenthal WA4OVO

Also, two CBU students tested. Congratulations to Jose Bonafasi KO4OWL and Will Clayton KF0EYO.

Additionally, nine year old Jacob White KO4OWN earned his Technician license.



Photo back left to right:: 9 year old Jacob KO4OWN and proud grandpa Bob AI4GI;
front left to right: VEs Perry N4GJ, Bobby KD5BS, Jeff KJ4GY

Thanks to the Laurel VEC team of Joe WA4OVO, Perry N4GJ, Jeff AJ4GY, Barry W5CJ, Bobby KD5BS, Rick WA4NVM, and Eric WD5FTA for administering the FCC test session.

The instructors were Paul KA9VAU, Perry N4GJ, Len W4MKS, John KN4BVH, Barry W5CJ, Pat W4OQG, and Joe WA4OVO. The equipment demonstrators were Rick WA4NVM and Richard K4DXF on Satellite, Rick KJ4QNWQ on APRS, John KN4BVH on Digital, and Joe WA4OVO on Repeater Basics.

CBU Tech Review Class 3-21 – February 24, 2021

A Technician license review session was held in Dr. Eric Welch (WD5FTA)'s junior level Introduction to Unmanned Aerial Vehicle class for nine Christian Brother

University students on February 24th . Congratulations to Cesar Mireles KO4NFT, Allison Sorette KO4NFU, Brennan Griffin KO4NFV, Michael Longo KO4NFW, Jose Villa Hidalgo KO4NFX, Novy KO4NFY and Sean Williams KI5OEI, who earned their Technician licenses.

Thanks to the Laurel VEC Team of Barry W5CJ, Perry N4GJ, Jelly N4HLT, Rick WA4NVM, Eric WD5FTA and Joe WA4OVO for providing the FCC test session.

EXTRA Class 1-21 – January 4 – February 25, 2021

An Extra Class license class was held one night a week via Zoom from January 4th thru February 25th on Monday or Thursday nights from 6:15-9:30pm. The Zoom classes met on January 4, 14, 21, 25, February 1, 11 and tested a week late on the 25th due to snow on the 18th. The students were Carla KO4FVX, Ransom KO4FVZ, Russell KO4ASW, Jason KO4DOH, Mary Jean KN4FBL and David KN4BXI.

Congratulations to Mary Jean Hall KY4FB (formerly KN4FBL) and David Wilson KY4FH (formerly KN4BXI) who passed their Extra exam on the 25th.

The instructors were Joe WA4OVO, John KN4BVH, Dean N2LAZ , Barry W5CJ, Dave AD4Q, Paul KA9VAU and Pat W4OQG.

Thanks to the Delta Club ARRL VE Team of Jeff Krause AJ4GY, Stacy KJ4MDA, Warren KC7ND, Tom KK4ZZZ, Barry W5CJ and Joe WA4OVO for providing the FCC test session.

In addition to the Extra Class students testing, congratulations to Brian Kelly KO4KAO for upgrading to General. Also, the following earned their Technician licenses: Dan Currey KO4NGZ, Rob Currey KO4NHA, Wilson Langford KO4NHB, Ebben Raves KO4NHC, David Wolford KO4NHD, Garrett Robinson KO4NHE, and Steven Porter KO4NHF.

General Class 4-20 – October 26 – December 7, 2020

General Class 4-20 was held via Zoom with five students. It was held on five nights on Monday and Thursday nights from October 26th to December 7th from 6:15-9:30pm. The nights were Monday October 26, Monday November 2nd, Thursday November 12th, Monday 23rd and ARRL FCC testing Monday December 7th.

Congratulations to Ransom Bowen KO4FVZ and Elliot Pope KO4DER for upgrading to General on December 7th. Also, congratulations to Carla Andrews KO4FVX for upgrading to General on December 21st at the Tipton County ARS (Atoka) test session.

The others will test later. Congratulations to Kevin Kelly KO4KAO who earned his Technician license during the Delta Club test session.

Thanks to the ARRL VE Team of Jeff Krause AJ4GY, Warren Zimmer KC7ND, Tom Ungren KK4ZZZ, Dan Columbus AA4HV, Barry McDonald W5CJ and Joe Lowenthal WA4OVO for providing the test session.

The instructors were Perry N4GJ, Barry W5CJ, Paul KA9VAU, Len W4MKS, John KN4BVH, Pat W4OQG, and Joe WA4OVO.

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 and Print your License.

Delta Club Polo Shirt Order
Submitted by Mary Jean Hall, KY4FB

Delta Club is organizing a club polo shirt order, and they are expected to arrive in time for the Huntsville Hamfest!

The polo features snag resistant, polyester material, as well as dual pen pockets on the left sleeve and mic clip loops at the center and front shoulders. Both men's and women's style polo shirts are available; the color is royal blue. Price includes the embroidered DARC logo with your name and call sign.

Mary Jean Hall KY4FB will be collecting polo money at the upcoming Delta Club meetings and Field Day. All money must be turned in by the Delta Club meeting on July 13, 2021. The polos are expected to be handed out at the August meeting.

For more information contact Mary Jean Hall KY4FB at 901-356-1475 or ky4fb@arrl.net. Make checks payable to Delta Amateur Radio Club. If you are unable to attend an in-person event, mail the check with your style choice (men's or women's), shirt size, name and call sign to Mary Jean Hall KY4FB. The address on QRZ is accurate.

Pricing:

XS-XL: \$35 2XL: \$37 3XL: \$41 4XL: \$43

Sizing guide for men's style (CS410):

<https://www.apparelvideos.com/cs/CatalogBrowser?todo=ss&productId=CS410&customer=mi dsouthsolutions>

Sizing guide for women's style (CS411):

<https://www.apparelvideos.com/cs/CatalogBrowser?todo=ss&productId=CS411&customer=mi dsouthsolutions>

Delta Club Polo Order 2021

Contact Mary Jean Hall KY4FB to order, or if you have any questions. All money must be turned in by July 13, 2021. Price includes the embroidered DARC logo with your name and call sign.

XS-XL: \$35 each

2XL: \$37 each

3XL: \$41 each

4XL: \$43 each

Men's style (CS410)



Women's style (CS411)



FCC Auto-Registration Feature for
Exam Applicants to be Discontinued
Submitted By: Bob Vawter KW4RJ

Auto-registration in the FCC Commission Registration System (CORES) amateur radio exam for candidates using a Social Security number will be discontinued on May 20, 2021. Applicants must use an FCC Registration Number (**FRN**) for all license transactions with the FCC. Examinees must **register in CORES** and receive an FRN *before* exam day. Starting on May 20, electronic batch filed applications that do not include a candidate's FRN will be rejected. The Social Security/Licensee ID Field will be disabled. An **instructional video** provides step-by-step instructions on how to establish a CORES account, which is necessary for licensees to make administrative updates and download electronic license authorizations. After June 29, all filers **must provide an email address** on all applications. When an email is provided, applicants will receive an official electronic copy of their licenses once granted (allow incoming email from **authorizations@fcc.gov**). If no email is provided when filing on or after June 29, applications will be rejected. ARRL VEC suggests that those without access to email to use the email address of a family member or friend.

Licensees need to log in to the Universal Licensing System (ULS) to **download their authorizations**. The FCC no longer issues paper copies. — *Thanks to the FCC*

<http://www.arrl.org/news/fcc-auto-registration-feature-for-exam-applicants-to-be-discontinued>

ARRL Benefits

ARRL amateur radio community. When you renew, a few of the benefits you will enjoy are:

- Your choice of a print magazine. Eligible US-based ARRL members can elect to receive QST, the official membership journal of ARRL or On the Air, aimed at helping new and emerging radio communicators get active and on the air.
- Digital access to all four ARRL publications -- QST, On the Air, and now QEX, covering topics related to radio communications experimentation, and National Contest Journal (NCJ), covering radio contesting.
- Access to ARRL's Technical Information Service to assist with technical problems and help with your projects.
- Free FCC license renewal and modification service.

To secure these amazing members-only benefits and many more in the coming year, visit www.arrl.org/join/WE1 to renew or call us toll-free at: 1-888-277-5289 (US Only) , Monday-Friday, 8 a.m. to 5 p.m. ET. International members call (860) 594-0338.

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

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

YL News
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.

Logbook Of The World (LOTW) User Guide

If you are a new user or planning to use "Logbook of The World" (LoTW), Gary, ZL2IFB, has put together an easy step-by-step guide or should we say manual (about 33 pages with pictures) to help you use LoTW.

The PDF file is available for download at:

https://www.g4ifb.com/LoTW_New_User_Guide.pdf

73, W4WTN

New Repeater in West Memphis & Buy/sell Facebook Group

There is a new System Fusion repeater in West Memphis.

The frequency is 442.400 with a PL Tone of 107.2 for non System Fusion users.

Also, Marc says there is a Buy and Sell Facebook Group for the Memphis Metro Area. The link is:

www.facebook.com/groups/memphismetroareahamradioswapshop

73, Marc Gwin AG5QY

Sparks Newsletter and 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>.

2021 Board of Directors

President

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

Vice President

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ky4fb@arrl.net
901-356-1475

Secretary

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Public Information Officer

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

Immediate Past President

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

Repeater Trustee

Barry McDonald W5CJ
W5CJ@ARRL.NET
901-853-0510

Upcoming Events

ARRL Field Day – June 26 – 27

Huntsville Hamfest – August 21 – 22

MS Rockn' Bike Ride – September 11 – 12

BCB 100 Ride to Fight On – October 9

For more information go to <http://hamcalendar.com/>

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 State of Tennessee is again making Amateur Radio License Plates since reconstruction of the building that was demolished by the tornado in Nashville in February 2020. The link below is for information and instructions about Tennessee ham radio call sign Emergency/Safety automobile license plates: [Vehicle Titling & Registration \(tn.gov\)](http://www.tn.gov/vehicle-titling-and-registration) The application can be found at this link: Application for Special Amateur Radio License Plates [in.pdf](https://www.tn.gov/content/dam/tn/revenue/documents/forms/titlereg/f1312601Fill-in.pdf)

Memphis Area VHF/UHF Nets

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	444.175	+ (107.2)	9:00p	Sun
MedMERS Net	146.820	- (107.2)	12:00p	Wed
ARES Training Net	146.850	- (107.2)	9:00p	Thu
Sunday Super Niner Net	927.6125	- (146.2)	8:30p	Sun
TN Statewide DMR Net	Digital – DMR		8:00 p	Friday

TENNESSEE HF NETS

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	7.180		As needed
(Center for United States Earthquake Consortium)			

3980 kHz – Tennessee Phone Net

Mon-Fri - 5:40 AM, 6:45 AM & **5:30 PM** (5:30 pm beginning Nov. 9 evening)

Saturday - 8:00 AM & 5:30 PM

Sunday - 8:00 AM only

Holidays - 8:00 AM only

DELTA CLUB ADVERTISEMENTS

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)



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