

SPARKS

P.O. Box 342768 * Memphis, Tennessee 38134-2768 * Volume 30 * July 2018



**Welcome to the
Delta Amateur Radio Club**

Website: deltaclub.org

Contact via [Email](mailto:)

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 7pm on July 10, 2018, at Ellendale Church of Christ, 7365 Highway 70 Memphis, TN (1 ½ miles north of Highway 64 (Stage Road)).

Steve Frazier KK4VPT will open the floor for feedback to this year's Field Day. The planning team for Field day will be having a post event meeting on Weds July 12 and we would like your feedback and input to share at the meeting. Steve will then share how he uses a few different programs and websites to process and analyze his contact logs. Steve will also share how you can find more contests to tide you over until next year's Field Day.

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 2018 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](mailto:), or call at 901-301-6776.

Congratulations to those who passed exams during Delta's June 2018 test session:

Gerry Maricle KN4NDT and Brian Jones KN4NDS

President's Corner
Submitted by Steve Frazier, KK4VPT

Field Day 2018 was another great Field Day. We had a down pour as we arrived at the site on Saturday morning. And about 3am Sunday morning, Tom Diciara, AC5MR, and I switched from 80 meters to the NOAA weather station to get updates on a storm with reported 60 MPH winds and hail that just missed us. Other than a short time very early Sunday, the weather was nice during Field Day. We will have the final results shortly after July 12. This was my first year to help out on the GOTA station and that was very rewarding. I helped Noah Dye make a contact with a station in Hawaii and he sure was excited. My brother Keith, KK4ZZX stopped by for a while and I helped my nephew Jake make a contact in Ohio that took almost an hour to get through the pileup. Thank you to everyone who participated in Field Day this year.

The next thing on your calendar should be the Huntsville HamFest on August 18. As you should know we will be taking a bus to Huntsville again this year. We still have spaces available and hope you will join us this year. The bus is a very comfortable way to get to HamFest and a good opportunity to pass the time visiting with fellow amateurs on the way down and back.

For more information on all the activities going on at Delta Club, join us on the nightly net on 146.82 at 8pm. We had a chance to actually see a net control operator in action at Field Day when Perry Hayes, N4PSH, led the Saturday net from Field Day. After seeing what goes into leading a net, I think we owe ALL our net control operators a big THANK YOU for all that they do so we can have a net that we can count on every night. We would like to thank Phil AK4UE for his four years as a Delta Club net control operator. Barri WB4SWP will be picking up Phil's Monday night spot.

See you at the Delta Club meeting on Tuesday!!

73
Steve
KK4VPT

Treasurer's Report
Submitted by Linda Laseter KJ4CTX

It's Time to Renew Your 2018 Annual Memberships! Download the latest Delta Club [Membership Application Form](#). The 2018 membership renewal fee remains a very modest \$20 for an individual, with an additional \$5 fee for family membership. Thanks for Your Active Support of Delta Amateur Radio Club!

DELTA AMATEUR RADIO CLUB
Monthly Treasurer's Report
For month ended June 30, 2018
Submitted by Linda Laseter Treasurer

CHECKING ACCOUNT

BEGINNING BALANCE	
BEGINNING BALANCE as of June 1, 2018	\$7,045.32

INCOME			
Date			Amount
06/19/18	Huntsville Trip		\$ 130.00
TOTAL INCOME			\$ 130.00 \$ 130.00

EXPENSES				
Date	Check #	To	Description	Amount
06/05/18	1450	Barry McDonald	Canakit Raspberry/2DIN	\$ (98.42)
06/08/18	1451	VOID		\$ -
06/12/18	1452	Sandra Rye	Rye equipment sales	\$ (488.00)
06/12/18	1453	Mid-So Solutions	Shirts	\$ (442.00)
TOTAL EXPENSES				\$ (1,028.42) \$ (1,028.42)

ENDING BALANCE As of June 30, 2018 \$ 6,146.90

CERTIFICATES OF DEPOSIT			
	Maturity Date	Balance as of	
Certificate of Deposit #1	10/10/2018	4/29/2018	\$ 10,600.31
Certificate of Deposit #2	10/19/2022	6/30/2018	\$ 10,241.12

TOTAL DARC CASH ASSETS \$ 26,988.33

This Month's Board Meeting Minutes
July 3, 2018 -- Submitted by Mary Jean Hall KN4FBL

DARC Board of Directors Meeting Minutes
July 3, 2018, submitted by Mary Jean Hall, KN4FBL

Attendees: Steve Frazier, KK4VPT, Bob Van Keuren, KM4SEB, Mary Jean Hall, KN4FBL, Linda Laseter, KJ4CTX, Joe Lowenthal, WA4OVO, Bob Vawter, KW4RJ, Scott Adams, KM4PMU, and Barry McDonald, W5CJ.

Absent: Ed Taggard, K7EDT, Len Grice, W4MKS

Guests present: N/A

Steve *KK4VPT*, called the meeting to order at 6:30 p.m. at the Ellendale Church of Christ.

Linda *KJ4CTX*, read the Treasurer's Report and said that Delta Club received the tax exemption letter for another year.

Bob *KW4RJ*, asked for anyone with pictures of Field Day to forward them on to him.

Steve *KK4VPT*, said the Field Day numbers (points) were being gathered, too.

Bob *KM4SEB*, discussed his experience of going to Millington to help Ham *W4GMM*.

According to Barry *W5CJ*, the storms that passed through Memphis on the Sunday morning of Field Day caused damage to some equipment. Lightning fried the controller on the 440.300 repeater at The University of Memphis campus, which caused the repeater to constantly transmit for four days. Although this now leaves one spare controller, Barry said that he was able to make some contacts with individuals, which could help if a similar situation occurs in the future. Joe *WA4OVO* asked about insurance coverage for the cost of the controller, and Linda *KJ4CTX*, said she would look into it.

Joe *WA4OVO*, said that there are currently 13 students in the Technician Class, which started June 28, and that the class seems to be going well. So far, 23 have signed up for the Huntsville HamFest on August 18, and 38 are needed to break even on the bus fees.

Joe *WA4OVO*, informed the board that Phil *AK4UE*, would no longer be calling the net on Monday nights, and that Barri Munday would be taking on the role. Carrie *KN4LCU*, will also be obtaining additional training through ARRL on incorporating radio and technology in the classroom.

The board briefly discussed upcoming community service events, such as the St. Jude Marathon and the MS150 bike ride. Steve *KK4VPT*, said that he would likely utilize next week's program to recap Field Day and cover contesting options.

Without objection, Steve *KK4VPT*, adjourned the meeting at 7:39 p.m. The next Board of Directors meeting is scheduled for Tuesday, August 7 at 6:30 p.m.

Minutes of Last Month's Club Meeting
July 10, 2018 Submitted by Mary Jean Hall KN4FBL

Call to Order and Opening Remarks

Club President Steve Frazier, KK4VPT, called the meeting to order at 7:00 p.m. at the Ellendale Church of Christ. Everyone then introduced themselves by name and call sign.

Secretary's Report

Ham Hilliard, W4GMM, moved to approve the previous meeting's minutes as published in Sparks. Dan Wehner, KN4FBJ, seconded the motion. The minutes were unanimously approved by the club.

Treasurer's Report

Ham Hilliard, W4GMM, moved to approve the Treasurer's Report as recorded in Sparks. Richard Martin, K4DXF, seconded the motion. The Treasurer's Report was unanimously approved by the club.

YL News

Linda Laseter, KJ4CTX, announced that the next YL Luncheon will be at 11:30 a.m., Saturday, June 16 at the Ellendale Church of Christ. David Webb will lead the presentation, and the YLs will bring food and celebrate July 4th. Also, don't forget to join the YL Net every Saturday at 8:45 p.m. on the 146.820 repeater!

Club Shirts Arrived

Steve Frazier, KK4VPT, announced that the club polos had arrived, and thanked Linda Laseter for handling the order.

VE Testing

Tonight's VE testing produced two new Technician licensees.

Training/Technician Class

Joe Lowenthal, WA4OVO, announced that the next Technician Class will start Thursday, June 28 and go for six Thursday nights, from 6:15 p.m. – 9:30 p.m. More information can be found in Sparks, and anyone interested in attending should email Joe Lowenthal at wa4ovo@gmail.com with the subject line "Tech class." There is a new manual; Joe can order the perfect bound for \$25 and the spiral bound for \$28.

Huntsville HamFest Bus Trip

The Huntsville HamFest is August 18, 2018, and you can now make your reservation for the chartered bus ride! The price of the bus trip depends on the time of signup, and includes the bus ride, \$10 admission fee, 2 breakfast biscuits (bacon or ham), and drinks and snacks (water, sodas, cookies, crackers and fruit) for the bus trip:

June - \$65

July - \$70

August - \$75

There are no refunds for the tickets, but you may sell your ticket if you are unable to go. During the HamFest the bus will back up to the loading dock, which will give you an option to sit in a nice, soft seat during the day should you need a break from the shopping. The bus will leave Huntsville right after the 4 p.m. drawing to return to Germantown by 8 p.m. The bus will leave from Germantown Baptist Church at 6:30 a.m. and should arrive in Huntsville by 9:30-9:45 a.m.

Outreach

Joe Lowenthal, WA4OVO, said that he went with John Reiners, KN4BVH, and John Volmer, KN4LCV, to a safety expo at The University of Memphis and set up a display. Several groups and organizations dealing with safety, such as CN railroad police and Grainger Safety, were also there. They were invited to return next year.

HQ 101

Ham Hilliard, W4GMM, encouraged anyone with an idea for HAM 101 to email him at w4gmm@belsouth.net. HQ 101 is offered at 6 p.m. before the DARC monthly meeting, upstairs at the Ellendale Church of Christ.

Field Day/Millington

Ham Hilliard, W4GMM, announced that there will be a Field Day location in Millington. That Friday night at 5:30 p.m., there will also be a drone presentation as it puts equipment in a tree. They will be setup near building N-100 in the southeastern corner of the north corner. For those inquiring, he clarified that they received a code from the FAA to allow the drone to operate for a limited amount of time.

Announcements

Steve Frazier, KK4VPT, reminded everyone that Delta Club has an opening for the Director of Programs position. He announced that he would pass out index cards during the break for everyone to write their program ideas down to help out whomever took on the role.

There was a break from 7:20 p.m. to 7:35 p.m. After the break, Steve Frazier, KK4VPT, announced that Ed Taggard, K7EDT, volunteered to serve as the Director of Programs.

Presentation/Field Day

Rick Tillman, WA4NVM, gave the presentation on logging for Field Day. He exhibited how the logging program worked, what to enter and more.

Steve Frazier KK4VPT, said that Field Day would be held at 7771 Poplar Pike at the Pickering Center in Germantown. There will be meals offered, as well as restroom access. He encouraged everyone to come out to see the setup. Field Day lasts for 24 hours, from 1 p.m. Saturday to 1 p.m. Sunday, with the opportunity to participate through the night. Anyone participating is encouraged to bring needed personal items, a chair, insect repellent, and even friends and family.

Joe Lowenthal, WA4OVO, encouraged new hams to start with logging to grasp how it worked, then switch to an operator role. Even the Fayette County Emergency Communications trailer will be at Field Day for tours.

Drawings and Closing Remarks

Several members won prizes:

Andrew Dandridge, KC0BDX, multifunction power tool; Tom Dichiara, AC5MR, range passes to Range USA

Linda Laseter, KJ4CTX, moved to adjourn, and with no objection, Steve Frazier, KK4VPT, adjourned the meeting at 8:14 p.m. The next Delta Amateur Radio club meeting will be Tuesday, July 10, 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 meets at 6:00 pm upstairs at the Ellendale Church of Christ

This month we will discuss “roll up” antennas and problems that occurred on field day.

Ham Hilliard W4GMM



During Ham 101, the proper instruments to solder the PL-259 plugs



Soldering PL-259 plugs demonstrated.



David KD4NOQ, talks to about DMR.



Perry N4PSH, calling the .82 net during field day. Photo by Joe WA4OVO

Delta Ham License Training, 2018
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 2018 from Delta Classes

23 Technician

3 General

7 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.

CLASSES in PROGRESS

Tech Class 3-18 June 28 – August 2, 2018

Tech Class 3-18 has 13 enthusiastic students meeting on six Thursday nights from 6:15-9:30pm. The location is at EMHC Ambulance Company training room 6972 Appling Farms Parkway. The instructors are Joe WA4OVO, Barry W5CJ, and Pat W4OQG. The equipment demonstrators on August 2nd are to be Joe WA4OVO on repeater operation, Pat W4OQG on SSB and WinLink, Rick WA4NVM and Richard K4DXF on satellites, and Rick KJ4NWQ on APRS.



Tech Class 3-18

Photo by Joe Lowenthal WA4OVO

PLANNED CLASSES

The next General class will probably start in early November in the evenings.
The next Extra class will probably start in early January 2019 on Saturday mornings.
If you know anyone interested, 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.

CLASSES COMPLETED

Tech Class 2-18 February 24 – April 7, 2018

Tech Class 2-18 was held from February 24th to April 7th except March 10th and 17th on five Saturdays from 9am to 1pm or 9am to 4pm at EMHC ambulance company training room on Appling Farms Pkwy. There were nine students in the class with five finishing testing.

Congratulations to Carrie Blackwell KN4LCU, Phillip Green KN4LCT, Jim Hambrick KN4LCS, David Robertson KN4LCW and John Volmer KN4LCV for earning their Technician licenses. Additional congratulations to Phillip KN4LCT and John KN4LCV for advancing to the General Class license.



Rick WA4NVM at doorway on Tech Class 2-18 satellite contact to keep out of the downpour. Richard K4DX holding the Elk antenna.
Photo by Joe Lowenthal WA4OVO



Tech Class 2-18 taking their exam:(from left to right) David Robertson, John Volmer, Phillip Green, Jim Hambrick, and Carrie Blackwell
Photo by Joe Lowenthal WA4OVO



The WCARS VE team: (left to right) Gary W5EMA, David KV4QI, Perry N4PSH, Denise KM4IRR, Bob KW4RJ and (not pictured) Joe WA4OVO
Photo by Joe Lowenthal WA4OVO

The instructors were Joe Lowenthal WA4OVO, Barry McDonald W5CJ, Pat Lane W4OQG, David Webb KV4QI, Len Grice W4MKS, Perry Hayes N4PSH, and John Reiners KN4BVH. The equipment demonstrators on April 7th were Joe WA4OVO on repeater basics, Rick Tillman WA4NVM on satellites, Pat Lane W4OQG on HF/MARS/WinLink, John Reiners on ARES and Rick Pellicciotti on APRS. Michael Knight KK4IOH gave an EchoLink, D-STAR, and DMR digital presentation on March 24th.



Tech Class 2-18 with Barry W5CJ instructing
Photo by Joe Lowenthal WA4OVO

Extra Class 1-18 January 13 – February 24, 2018

Extra Class 1-18 was held on 5 Saturdays and one Sunday from January 13th to February 24th from 9am to 1pm on four Saturdays, 1-5pm on Sunday January 28th, and at 2:30 on Saturday February at EMHC ambulance company training room, 4th for FCC testing. All classes were at EMHC ambulance company, 6972 Appling Farms Pkwy. There were 10 students taking the class with two recent Extras auditing the class.

The students were Dan KN4FBJ, Janet KN4FBI, Billy K4IOA, Jim KN4GJF, David KM4SEC, Todd W4RTV, Ed K7EDT, Mac KJ4EHE, Carlos KK 4CRO, and Robert KN4FVT. The auditing Extras were Nathan KX4IA and Rick WB9TCB.



Extra Class 1-18 FCC test session Photo by Joe Lowenthal WA4OVO

Congratulations to Carlos KX4IS (previously KK4CRO) and Todd W4RTV for their Extra upgrade at the February 13th Delta Club test session. Congratulations to Robert Horn KN4FVT, David Jackson KM4SEC, Ed Taggard K7EDT, Mac Tidwell KJ4EHE, and Dan Wehner KN4FBJ for their upgrade to Extra.

Thanks to the Delta Club ARRL team for providing the FCC test session. The VEs were Jeff AJ4GY, Stacy KJ4MDA, Perry N4PSH, Barry W5CJ, Tom KK4ZZZ, Bob KW4RJ, David KV4QI and Joe WA4OVO

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



Dean N2LAZ instructing on Electrical Principles for Extra Class 1-18
Photo by Joe Lowenthal WA4OVO



Barry W5CJ providing propagation instruction to Extra Class 1-18
Photo by Joe Lowenthal WA4OVO

Tech Review for CBU January 29, 2018

A Tech Review class was held on January 29th for 18 Christian Brothers University students in the initial Engineering Department upper division elective course, Introduction to Unmanned Aerial Systems. All 18 students earned their Technician license while one also earned her General Class license. The students were either Electrical or Mechanical Engineering majors. Eric Welch WD5FTA is the professor. He is Department Chair of Electrical and Computer Engineering.



Tech Review Class at CBU Photo by Len Grice W4MKS

Thanks to the Laurel VEC team led by Tim Jones N5PYQ for providing the VE session.



Laurel VE Team (left-right) Rick KF5WVJ, Joe WT4N, standing left Tim N5PYQ, Jim KE5RHM, Weldon N5YW and not pictured is Ed KF8PD. Joe WA4OVO, standing right, is helping with the registration paperwork.

Photo by Len Grice W4MKS

YL News
Submitted by Linda Laseter, 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.

Please join us in welcoming Carrie KN4LCU as our newest YL Net operator. Carrie called her first YL Net on Saturday, June 23rd and did a super job! She also graciously agreed to call the Net for me on the 30th when I had to be out of town to attend a funeral. Thank you so much Carrie.

Summer is always a busy time for everyone and this year has been no exception. With a few of the YLs out of town it has been a little quieter on the YL Net, but we know that will soon change.

We enjoy checking in each Saturday night just to see who will join us. We hope you will set your alarm for 8:45 p.m. Saturday night and join in the fun.

YL LUNCHEON – If you missed the June program luncheon then you missed a super program. David Webb KV4QI did a superb job of presenting. Of course, he had to start off by giving us a little quiz just to let us know how much we did not know or had forgotten! It was an eye opener because I do not think anyone passed. This was even more of a wakeup call because several of us had Cert training and First Aid training, but David touched on things we had not even thought of like putting your emergency contact information “ICE” (In Case of Emergency) on the back of your cell phone using a Dymo tape. Thank you so much David and we definitely want you to come back.

In celebration of the 4th of July early we had hamburgers, hot dogs, macaroni salad, watermelon and strawberry shortcake for dessert.

We almost forgot to draw for the door prize but Janet KK4PRT reminded us and guess who won the prize.... Janet KK4PRT! It was a cute bird house decorated with July the 4th colors and trim.

YLs this is your chance to make new friends, share ideas, ask questions, and learn something new. Not to mention all the fun and food you are missing. We would love for you to join us!

JULY’S LUNCHEON WILL BE:

July 21, 2018

11:30 a.m.

Saturday

La Hacienda Restaurant

1760 N. Germantown Pkwy

901 624-2920



YL June luncheon

Starting at the front table – far right in blue DARC shirt and working back to the left– Dan KN4FBJ, Janet KN4FBI, Gale KI4VDI, Michelle (no call sign), Betsy KD4KOM, Janet KK4PRT, Suzy KM4FHS, Audrey KM4FHU.

Back table – Starting on the left - Barri WB4SWP, Pat W4OQG, Ervin KU4K, David KV4QI, Ken KI4AOH, Harry KB4WRT

Pictured taken by – Linda KJ4CTX

Amateur Hardware Update

Article and image submitted by James Butler, KB4LJV

Portable lighting is always needed for emergencies and when the power is out. Older flashlights do not last very long and have a dim yellow light bulb. Drop it and the bulb filament breaks. Newer high performance flashlights work a lot better. They have thick aluminum cases to prevent damage. They also now feature LED super bright technology with higher light output and lower battery consumption. The LED has >100,000 hour life. Some of these newer flashlights offer different brightness levels and flashing SOS mode. These flashlights can also be bought with rechargeable batteries to cut operating cost over time. I got two flashlights with two rechargeable batteries and two battery chargers. I also received two battery holders so I could use regular alkaline batteries in the units. The price for everything was under \$10.00 with free shipping. Now is the time to upgrade those old flashlights to the newer technology and have that emergency light when needed. Go to eBay and do a search for “LED Flashlight”.

James Butler
KB4LJV



Amateur Packet Update
Submitted by James Butler, KB4LJV

One of the new Ham radio websites that are available is “QSO TODAY”. This is a website that sends out a podcast of interviews with ham radio operators. The shows are about an hour long and are streamed to you device. They have a lot of interesting topics on the shows. The site also has written transcripts of the shows you can download to your computer in PDF format. They have a section with Ham radio information. You can even sign up for a free membership and receive Email notifications of new podcasts. This is a nice website with lots of good information on Ham radio.

Their web address is <https://www.qsotoday.com/>

James Butler
KB4LJV

ARES at U of M Safety Palooza



John KN4BVH, John KN4LCV and Joe WA4OVO set up a booth at the University of Memphis safety expo on June 5th showing HF, VHF and UHF capabilities. There were about 30 exhibitors.

Photo by Joe WA4OVO

Pictures from Field Day 2018
Photos by Bob KW4RJ



The GOTA Station



80 meters and 15 meters



CW



Rick WA4NVM, Satellite



Rick WA4NVM, Satellite



Rick WA4NVM, Satellite



Ray AA4UK is getting a photo of the satellite antenna setup.



20 meter and 80/15 meter tents



Zachary KN4NER and Nathan KE4IA at the 20 meter station



Digital Station



GOTA Station and Information Tent



Antenna trailer, 20 meter beam and VHF/UHF

Huntsville HamFest
August 18, 2018

HUNTSVILLE HAMFEST BUS TRIP - AUGUST 18, 2018

Submitted by Joe Lowenthal WA4OVO, Director of Training

DARC is sponsoring a 50-passenger bus trip to go to the Huntsville HamFest on Saturday, August 18, 2018. The fare is \$70 by July 31st, and \$75 in August. The fare includes the \$10 HamFest entry ticket. There will be biscuit sandwiches, water, sodas, chips, and fruit on the bus going to Huntsville and whatever is left for the trip back. There are no refunds, but you can sell your seat to someone else if you cannot go. Let me know.

Cash or checks will be accepted for payment. Make checks payable to Delta Amateur Radio Club. You can pay at a meeting. You can also send your check to Joe Lowenthal WA4OVO, 6675 Ashbridge Cove, Memphis, TN 38120. Please include your name, call-sign, cell phone number, email address and whether you want bacon, ham or plain biscuits.

Reservations will be on a first come first paid basis.

The bus will leave Germantown Baptist Church, 9450 Poplar Avenue at Johnson Road, Germantown, TN at 6:30am. The bus will leave Huntsville immediately after the 4pm door prize drawing and return to Germantown Baptist Church approximately 7:30pm.

Germantown Baptist Church has asked us to park in the back on the northeast side of the church so there will be security cameras on the cars.

The Huntsville HamFest website is www.hamfest.org.

ARES
Amateur Rescue Emergency Service

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.

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>.

2018 Board of Directors

President

[Steve Frazier, KK4VPT](#)

901-218-6385

Treasurer

[Linda Laseter, KJ4CTX](#)

901-268-1766

Director of Programs

Ed Taggard K7EDT

480-225-7327

Public Information Officer

[Len Grice, W4MKS](#)

901-522-6711

Vice President

[Bob Van Keuren, KM4SEB](#)

901-853-0303

Director of Training

[Joe Lowenthal, WA4OVO](#)

901-628-4318

Director of Meetings & Special Events

[Scott Adams, KM4PMU](#)

901-573-6280

Immediate Past President

[Ken Laseter, KI4AOH](#)

901-487-9103

Secretary

[Mary Jean Hall, KN4FBL](#)

901-356-1475

Director of Publications

[Bob Vawter, KW4RJ](#)

901-438-4563

Repeater Trustee

[Barry McDonald, W5CJ](#)

901-853-0510

Public Service Events

If you are a coordinator for any of these events, please review the listed information. Please [email](#) corrections or additions.

2018 Date	Event	Contact Information
Jan. 14	Swamp Stompers 50K/25K Run	Keith Barton, KT4EP
May 5	March of Dimes March for Babies	Linda Laseter, KJ4CTX
Sep. 8	2018 Bike MS: FedEx Rock-N-Roll	Darrell Sheffield, KK4D
Oct. 6	Bluff City Blues 100 Ride	tbd
Dec. 1	St. Jude Marathon	Roger Schlichter, WR4R

Area HamFests

January 26-27	Capitol City Hamfest in Jackson, MS
February 9-11	HamCation 2018 in Orlando, FL
February 17	LCARC's 2018 Winterfest in Hoxie, AR
March 2-3	BirmingHAMfest 2018 in Birmingham, AL
March 24	Ides of March HamFest in Union City, TN
April 14	Memphis FreeFest in Bartlett, TN
May 18-20	Hamvention in Xenia, OH
July 28	Greater Nashville & Middle TN HamFest in Lebanon, TN
August 18-19	Huntsville HamFest in Huntsville, AL

Tennessee Ham Radio License Plate

Submitted by Joe Lowenthal, WA4OVO

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/f1312601Fill-in.pdf>

As of July 1st, 2017, you must send a copy of or show an ARES membership card to keep from paying the \$25 surcharge for new plates or renewals. If you send a renewal in by mail with the lesser amount and do not include a copy of your ARES membership card, they will return your renewal and check due to insufficient funds.

If you want to become an ARES member, complete an ARES Registration Form FD-98 on the TNARES.com website. Then click on Information in the upper right. Scroll down and click on ARES Membership Application: [FSD-98](#).

https://docs.google.com/forms/d/e/1FAIpQLSekaoB6a2YrGNKoSvCq1M7UST9aE_RwnewMuT-DfgYmWJ_QRg/viewform

If you are not an ARES member and you do not want to pay the \$25 surcharge for renewal, you can get a regular plate for no additional charge. You will need a copy of your previous registration or there is an additional \$3 charge.

If a spouse is also a ham, only one of the couple needs to be an ARES member if the auto is registered in both names. If registered in the spouse's name, the spouse must have an ARES membership card.

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 and listed below:

Amateur Radio

Available to: Tennessee residents who hold an official FCC-issued amateur radio license (unrevoked and unexpired).

Documentation Required: Application supported with copy of the FCC Amateur Radio license.

Cost: Annual fee of \$51.50; Members of emergency, rescue squad and Amateur Radio Emergency Service - \$26.50.

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 2018

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	7.180		As needed
(Center for United States Earthquake Consortium)			

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

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LDG Electronics	Accessories	Miscellaneous
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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)



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
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Joe Miller

Owner

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I have 4 ten foot sections of rohn 25g tower and a top for sale. Make me an offer.

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We offer our continued thanks to EMHC ambulance company for generously providing their training room for the many ham radio classes given there.

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