

# SPARKS

P.O. Box 342768 \* Memphis, Tennessee 38134-2768 \* Volume 37 \* February 2019



**Delta Amateur Radio Club (DARC)**

**Sparks Newsletter**

Website: <http://deltaclub.org>

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

**W4BS**

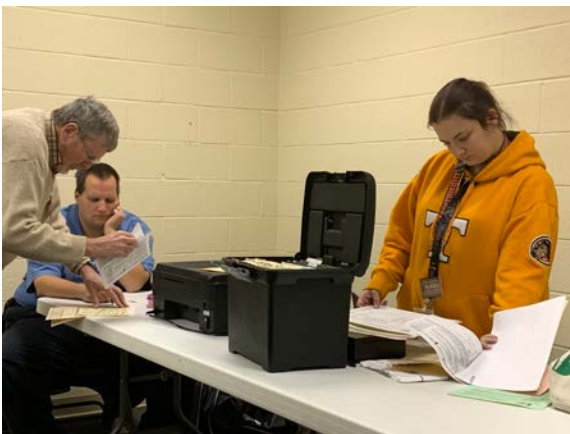
**REPEATER SYSTEM**

146.820<sup>-107.2</sup> \* 147.360<sup>+107.2</sup>  
146.625<sup>-107.2</sup> 443.200<sup>+107.2</sup>  
224.420<sup>-107.2</sup>  
144.390 Digipeater \*Fusion

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

*Program: Digital Communications:* Cliff NS4B and Rick KA2BSM

**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](mailto: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

We are off to a good start again this year and the rest of the year should be more of the same. We had a good turn out for the Swamp Stomper event again this year. This year the YL's operated net control and provided coverage for all the aid stations. Everyone did a great job and I heard from several of the runners and race organizers exclaim how much they appreciate Delta Club providing support for the race.

This year Delta Club had several tables at the Capital City HamFest in Jackson, MS. We were able to find new homes for several items from different estate sales. Thanks to Barry McDonald, Joe Lowenthal and Len Grice for all you did to represent the Delta Club in Jackson and to make this another successful sale. In addition to Barry, Joe and Len; I was pleased to see several other Delta Club members in Jackson. This was my first time to the Capital City HamFest and I am sure I will be back again.

At the January meeting, the idea of a special event for the 200th anniversary of Memphis was mentioned as something for us to do this year. We have taken the first of what I am sure will be many steps on this journey and reserved call sign W4M for May 17 - May 31. I think this is a great idea and would like to move forward with this special event. There is a lot that will need to be done in a short time, but I am sure we can do it. We will be looking for ideas and help. We will discuss this more at the February board meeting and will start asking for your ideas, input and help at the February meeting.

**Thanks** to all of you who have renewed your membership for 2019 – Your support is appreciated! If you would still like to renew for 2019, it is not too late and we would appreciate your support.

I look forward to seeing you at the meeting on Tuesday. And don't forget to join us every night at 8:00pm on the 146.820 repeater net. Thanks to our dedicated net control operators, the nightly net is a great way to stay updated and in contact with fellow amateur radio operators in the area.

73

Steve

KK4VPT

<b>Treasurer's Report</b> Submitted by David Jackson KM4SEC
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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](mailto:davidjackson@bellsouth.net)  
 If you prefer you can print the form and bring the completed form, along with the membership fee to any meeting.

**Treasury's Report**  
**01/31/2019**  
 Submitted by H. David Jackson, treasurer

<b>01/01/2019, beginning balance (asset):</b>	<b>\$9,546.91</b>
<b>7 deposits (assets):</b>	<b>\$4,876.00</b>
<b>Memberships:</b>	<b>\$675.00</b>
<b>Jackson HamFest:</b>	<b>\$3,301.00</b>
<b>Franklin Estate Sale :</b>	<b>\$850.00</b>
<b>Turner Estate Sale:</b>	<b>\$50.00</b>
<b>Total assets:</b>	<b>\$14,422.91</b>
<b>3 checks (debit):</b>	<b>-\$1204.09)</b>
<b>Donation Ellendale Church</b>	<b>-\$300.00)</b>
<b>DARC computer/software</b>	<b>-\$707.46)</b>
<b>Door prizes for Dec.</b>	<b>-\$196.63)</b>
<b>01/31/2019 ending balance ( asset):</b>	<b>\$13,218.82</b>
 <b>Small Business CD-0228. (1.590%)</b>	 <b>\$10,323.08</b>
<b>Small Business CD-8041. (2.230%)</b>	<b>\$10,725.44</b>

**DARC Board of Directors Meeting Minutes**  
February 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, Ed Taggard K7EDT, Scott Adams KM4PMU, Barry McDonald W5CJ, and Len Grice W4MKS  
Absent: Bob Vawter KW4RJ

Steve F. called the meeting to order at 6:35 p.m. at the Ellendale Church of Christ.

The board entertained input regarding a membership concern.

Mary Jean H. recommended that the board create a planning committee for the W4M bicentennial event in May. The board then discussed potential dates, logging options and other information regarding the bicentennial event. Steve F. said that he would propose the idea to the club at the meeting to see who may be interested in joining a planning committee.

David J. read the Treasurer's Report. He said that the computer and online banking were up and running to support his role. David J. inquired about the frequency of door prizes offered at the meetings, and whether or not the club should focus on higher quality or an increased number of prizes offered, but at fewer meetings. This feedback will be gathered from the club members at the February meeting.

Joe L. said that the extra class is going well. A Technician class is scheduled for six Thursday nights, 6:15pm-9:30pm, starting February 21 at the Germantown Police Department training room. Seven students have signed up so far.

Joe L. informed the board about the progress of selling consignment items.

Barry M. reminded everyone coordinating events to request or tell him when a club repeater is needed for event use.

Mary Jean H. requested a brief recess. With no objection, the board recessed for two minutes.

Ed T. informed the board about his ideas for upcoming programs.

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

Without objection, Steve F. adjourned the meeting at 8:36 p.m. The next Board of Directors meeting is scheduled for Tuesday, March 5 at 6:30 p.m. at Ellendale Church of Christ.

**Minutes of Last Month's Club Meeting**  
January 8, 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. Steve reminded everyone to fill out a ticket; the tickets from each meeting will be saved and added to the final drawing at the end of the year. Everyone then introduced themselves by name and call sign.

**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. Ned Savage KA4BLL seconded the motion. The minutes and the Treasurer's Report were unanimously approved by the club.

**Announcements**

Bill Stevens WC9S said that no one tested at tonight's VE session.

Barry McDonald W5CJ said that the Germantown repeater has had some issues with AllStar and Echolink lately due to a lightning strike, but as of today, the repeater is back up and running.

**Memphis FreeFest**

Dennis Foster KJ4BDU said that the Memphis FreeFest will be Saturday, April 13, 2019 and volunteers are needed. FreeFest raises funds for Le Bonheur Children's Hospital, and the event has raised over \$30,000 for the hospital over the years. Those interested in volunteering should sign up on the sign-up sheet at a meeting or contact him. Admission to the event is free and comes with one complimentary ticket, though additional tickets may be purchased.

**Announcements continued**

Linda Laseter KJ4CTX said that Swamp Stompers, which is Sunday, Jan. 20, is still set for volunteers.

Steve Frazier KK4VPT reminded the members that now is a great time to renew 2019 memberships and also check on their ARRL membership status. According to Steve, as an ARRL organization, at least 51 percent of club members are supposed to retain an ARRL membership. He said that the Delta Club Board of Directors is looking into other potential activities for increased involvement, such as contests, hands-on HF activities, events, etc. Steve also informed the club that anyone who has paid their 2019 dues through December should have their membership card emailed to them by now. Also, if lifetime members need a replacement card, let the board know.

Steve Frazier KK4VPT presented Ed Taggard K7EDT with the Ham of the Year award. Steve said that though Ed was here temporarily, he's been heavily involved in the club.

Linda Laseter KJ4CTX announced that the January YL Luncheon was at 11:30 a.m. this Saturday, Jan. 12, 2019 at the Hwy. 64 Olive Garden.

Joe Wray WD4GXI said a full blood moon eclipse was set to occur Jan. 20-21 and likely wouldn't occur again until about 2022.

### **Ham 101**

Ham Hilliard W4GMM said that they had a good crowd tonight for HF discussion, and he plans to discuss CW in February. He needs ideas for March, and if no new ideas are presented, then he will likely take a break. So, anyone with ideas should email him at [w4gmm@belsouth.net](mailto:w4gmm@belsouth.net).

### **Break/Presentation**

Steve Frazier KK4VPT called for a break from 7:24 p.m. to 7:35 p.m. Ed Taggard K7EDT introduced Keith Fronk WX4EMT, who spoke about a FTM-100 Go Box he built. Keith informed the club about how he built it originally for air shows and designed it to be portable and versatile.

### **Drawings and Closing Remarks**

Steve Evans KM4VYA encouraged club members to check out the MidSouth Makers Association in Bartlett for assistance creating materials for radio equipment. The club meets Fridays at 7 p.m.

### **Several members won prizes:**

Robert Murry KN4OEF, antenna; David Guinn KO4MC, Range USA range pass.

Ham Hilliard W4GMM moved to adjourn, and Richard Martin K4DXF seconded the motion. The club voted to adjourn the meeting at 7:53 p.m. The next Delta Amateur Radio club meeting will be Tuesday, February 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](mailto:w4gmm@bellsouth.net).

HQ 101 will meet at **5:30** pm on February 12, 2019 and the discussion will be CW operation. Bring a laptop if you want a CW program to load. (PCs only)



At the January meeting Ham discussed basic operations of an HF radio.



**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](mailto: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*

0 Technician

0 General

0 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.**

## SCHEDULED CLASSES

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

Tech Class 2-19 will be held on six Thursday nights: February 21, 28, March 7, 14, 21, and 28 if there are ten students interested in earning their Technician license. The location will be at the Germantown Police Department training room, 1930 South Germantown Road, facing Farmington Blvd between City Hall and the Fire Station.

If you know anyone interested, send an email to [wa4ovo@gmail.com](mailto: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

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

Extra Class 1-19 began on January 5<sup>th</sup> through February 16<sup>th</sup> excluding January 26<sup>th</sup> (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 are registered for the class.



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. The Delta Club VE Team will provide the FCC test session on February 16<sup>th</sup>.

### **COMPLETED CLASSES**

#### **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 1<sup>st</sup> to December 13<sup>th</sup> excluding November 22<sup>nd</sup> at EMHC Ambulance Company training room, 6972 Applying Farms Parkway. Fourteen students began the class. Ten students finished the class with six upgrading to General Class.



Photo of General Class 4-18 from left to right: Lead Instructor Joe WA4OVO, Hooper KI4TPL, Bill KM4VXW, Robert KN4OEF, Steve KM4AEO, Mary Jean KN4FBL, Bob KN4PDW and Jim KD4FUU. Not shown Carrie KN4LCU, Jeffrey KD5QFH and Curtis KN4FBK.

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



**General Class 4-18 with Barry W5CJ leading the section.**

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

Tech Class 3-18 had 12 enthusiastic students meeting on six Thursday nights from 6:15-9:30pm at the EMHC Ambulance Company training room on Appling Farms Parkway. The instructors were Joe WA4OVO, Barry W5CJ, Carrie KN4LCU, Perry N4PSH, and Pat W4OQG.

The equipment demonstrators on August 2<sup>nd</sup> were Joe WA4OVO on repeater basics, Rick WA4NVM and Richard K4DXF on satellites, Pat W4OQG on HF/MARS/Winlink, John KN4BVH on ARES and Rick KJ4NWQ on APRS.





Tech Class 3-18 showing off their CSCEs. Photo by Perry Hayes N4PSH

Congratulations to the 11 students who earned their Technician licenses: In photo from left to right standing: Rob Dyer KN4OEH, Robert Murry KN4OEF, Robert Cohn KN4OEP, Ian Lucas KN4OEK, Sylvia Lucas KN4OEJ, Kyle Fioranelli KN4OEL, Laura Matthews KN4OEM, Pierce Matthews KN4OEN, Brad Patterson KN4OEO, Rich Wilson KN4OEI, and seated Michelle Dach KN4OEG.

The WCARS VE team of Gary W5EMA, Perry N4PSH, David KM4SEC, Bill WC9S and Joe WA4OVO provided the test session.

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

Tech Class 2-18 was held from February 24<sup>th</sup> to April 7<sup>th</sup> except March 10<sup>th</sup> and 17<sup>th</sup> 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.

The WCARS VE team of Gary W5EMA, David KV4QI, Perry N4PSH, Denise KM4IRR, Bob KW4RJ and Joe WA4OVO provided the test session.

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 7<sup>th</sup> 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 24<sup>th</sup>.



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 13<sup>th</sup> to February 24<sup>th</sup> from 9am to 1pm on four Saturdays, 1-5pm on Sunday January 28<sup>th</sup>, and at 2:30 on Saturday February at EMHC ambulance company training room, 4<sup>th</sup> 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.

Congratulations to Carlos KB4C) (previously KX4IS and KK4CRO) and Todd W4RTV for their Extra upgrade at the February 13<sup>th</sup> 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.

## **Tech Review for CBU January 29, 2018**

A Tech Review class was held on January 29<sup>th</sup> 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.

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



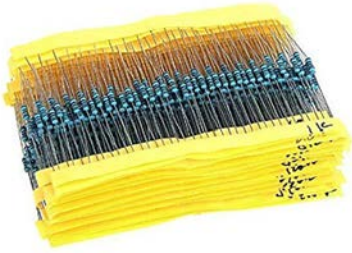
## HOW TO PRINT YOUR FCC LICENSE

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

When we rebuild equipment or make repairs on our Amateur radio electronics we need spare parts. One common part is the resistor. Since these come in different values it seems we never have the right one. I would go to Radio Shack to get the right value. The cost back then was 39 cents for 2 resistors. That was a high cost but very convenient. Today we can order our parts off of eBay at very good prices. One way to buy is to get a resistor assortment which includes resistors with lot of different values. This means you will always have the right value resistor when you need one. You can order these from small to large at different power ratings, Resistors that have a  $\frac{1}{4}$  watt power rating are on eBay in assortment packs at a price that works out to 2 resistors for a penny. Go to eBay and do a search for "RESISTORS" to see what is available.



## Amateur Packet Update

Submitted by James Butler, KB4LJV

The ARRL has come out with a great new product for Amateurs looking to archive ham radio articles and information. They are selling a DVD with copies of the periodicals they have published. The DVDs are available by the year of publication. Each DVD has copies of QST, NCJ (National Contest Journal), and the QEX experimenter magazine. You can search the disk by keyword to find articles, call signs or titles. You can also print out information that you look up. The disk works on Windows and Macintosh computer systems. If you want to have information from ARRL periodicals at home, check out these disks. You can see more information on the ARRL website. The web address is <http://www.arrl.org/shop/ARRL-Periodicals-DVD-2015/>

## 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](mailto: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.

We would like to welcome Carolyn KN4QNV to the YL Net. We are so glad you have joined us and hope you continue to check in.

**YL LUNCHEON** – For our first 2019 luncheon we gathered at Olive Garden Wolfchase on January 12th. This is one of our favorite places to meet. The food and service has always been good and they try to provide us a space to meet where we can talk and enjoy the fellowship.

We discussed ideas for our April FreeFest booth and also plans for our meeting the 9<sup>th</sup> of this month at Ellendale Church. We will be serving lunch and having lots of fun making and decorating wreaths. We would love to have you join us. Not into crafts; then come just for the luncheon and fellowship.

Our lucky door prize winner for January was Gale KI4VDI who won a nice cuddly Cozy Throw to keep her warm this winter while watching television.

Our FreeFest 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. We will have other items for sale in our booth as well.



**FEBRUARY'S LUNCHEON  
WILL BE:  
Saturday, February 9, 2019,  
11:30 A.M.  
Ellendale Church of Christ (the  
regular DARC meeting location)  
7365 US-70. Memphis, TN  
38133**



Jackson Capitol City Hamfest  
January 25-26



Showing off our DARC banner!



Barry W5CJ, Len MKS, Joe WA4OVO



Bill WC9S, Russ WD4JHD, Rick WA4NVM



Bill WC9S, Richard K4DXF, Rick WA4NVM



Joe WA4OVO, David Norris K5UZ, Len W4MKS

## 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**

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901-853-0303

#### **Secretary**

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901-356-1475

#### **Treasurer**

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901-487-3016

#### **Director of Training**

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wa4ovo@gmail.com  
901-628-4318

#### **Director of Publications**

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901-438-4563

#### **Director of Programs**

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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](http://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](mailto:vawter.bob@gmail.com).

<b>2019 Date</b>	<b>Event</b>	<b>Contact Information</b>
Jan. 20	Swamp Stompers 50K/25K Run	Ken Laseter KI4AOH
Dec 7.	St jude marathon	Roger Schlichter

**Hamfests in the South East**

**2019**

January 25-26	<del>Capitol City Hamfest in Jackson, MS</del>
February 8-10	<del>HamCation 2019 in Orlando, FL</del>
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
<b>Delta Club Information Net</b>	<b>146.820</b>	<b>-(107.2)</b>	<b>8:00p</b>	<b>Daily</b>
<b>YL Net</b>	<b>146.820</b>	<b>-(107.2)</b>	<b>8:45p</b>	<b>Sat</b>
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

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<b>Net Name</b>	<b>Freq. MHz</b>	<b>Local Time</b>	<b>Day of Week</b>
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](http://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
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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

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[chick-fil-a.com](http://chick-fil-a.com)

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

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