

SPARKS

P.O. Box 342768 * Memphis, Tennessee 38134-2768 * Volume 33 * October 2018



Delta Amateur Radio Club (DARC)

Sparks Newsletter

Website: <http://deltaclub.org>

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

W4BS

REPEATER SYSTEM

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

This month's meeting begins at 7 pm on October 9, 2018, at Ellendale Church of Christ, 7365 Highway 70 Memphis, TN (1 ½ miles north of Highway 64 (Stage Road)).

If you've ever been curious about radio traffic between the vessels, aircraft and other stations of the US Coast Guard, you don't want to miss this month's presentation. Ryan Thomas AJ4MY will be presenting *US Coast Guard Radio Capabilities*.

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:Jeff.Krause@deltaclub.org), or call at 901-301-6776.

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

Charles Humphreys **KN4ONU** passed **General**, Samantha Melton **KN4ONQ** passed **Extra**, Gregory Cook **KN4MGH** passed **General**, John Karney **KN4ONS** passed **General**, Joseph Lyons **KI5BPP** **Technician**, Jennifer Arndt **N4JSE** **Extra**, Emmett Ward **KI4KDR** **General**.

President's Corner

Submitted by Steve Frazier, KK4VPT

We are definitely in the middle of the time of the year when the Delta Club is involved in supporting events in the community. The MS 150 bike ride was rained out on Sunday this year, but we had good weather and a great time on Saturday. I hear we have 5 times more members that have volunteered to help with the Bluff City Blues bike ride on October 6 - which means we are up from 2 last year to at least 10 this year. Next up is the St. Jude Marathon on December 1st. Contact Roger Schlichter, WR4R, at wr4r@bellsouth.net if you are interested in being an important part of this very rewarding event. Last update I had from Roger he was still needing at least 15 more volunteers.

This is also election time for the Delta Club. We will be finalizing the ballot for the 2019 Board of Directors at the October meeting and will have the election at the November meeting. If you would like to add your name to the ballot, let us know at the beginning of the October meeting. There are only two basic requirements: 1) you must be a club member, and 2) you must have attended at least six club meetings in twelve months.

We are currently working on yet another estate sale and this one sounds like it has a large amount of a wide variety of items. Stay on the lookout for updates on this to come soon.

As this year winds down, we would like for you to consider renewing your membership for 2019. If you have not joined the Delta Club yet, we would welcome you to join us as a member in 2019. Membership forms are available on online or at the meeting and we accept your membership form and appreciate your dues at any time.

Don't forget to check into the net that we have every night at 8pm on the 146.82 repeater. The only night we don't have the net is the 2nd Tuesday of the month and that is when we look forward to seeing you at the monthly meeting.

73

Steve Frazier
KK4VPT

Treasurer's Report
Submitted by Linda Laseter KJ4CTX

For month ended September 2018

CHECKING ACCOUNT

BEGINNING BALANCE

BEGINNING BALANCE as of September 1, 2018 **\$7,301.56**

INCOME

Date		Amount
09/12/18	Membership 2019	\$ 20.00
09/12/18	Equipment sales - Huntsville	\$ 10.00
09/12/18	Membership 2019	\$ 20.00
TOTAL INCOME		<u>\$ 50.00</u> \$ 50.00

EXPENSES

Date	Check #	Description	Amount
09/04/18	1464	VOID	
09/04/18	1465	Joe Lowenthal Huntsville refreshments	\$ (238.44)
09/04/18	1466	Barry McDonald Walton Estate change	\$ (20.00)
09/11/18	1467	Jam Enterprises Door prizes	\$ (45.31)
09/11/18	1468	SERA 2019 Membership	\$ (35.00)
09/11/18	1469	Scott Adams Refreshments	\$ (70.13)
09/11/18	1470	Joe Lowenthal Books	\$ (35.92)
TOTAL EXPENSES			<u>\$ (444.80)</u> \$ (444.80)

ENDING BALANCE as of September 30, 2018 **\$ 6,906.76**

CERTIFICATES OF DEPOSIT

	Maturity Date	Balance as of		
Certificate of Deposit #1	10/10/2018	7/31/2018	1.25%	\$ 10,633.14
Certificate of Deposit #2	10/19/2022	9/24/2018	1.60%	\$ 10,282.24
TOTAL DARC CASH ASSETS				<u><u>\$ 27,822.14</u></u>

DARC Board of Directors Meeting Minutes
October 2, 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, Ed Taggard K7EDT, Scott Adams KM4PMU, and Barry McDonald W5CJ.

Absent: Bob Vawter KW4RJ, and Len Grice W4MKS.

Guests present: N/A

- Steve F. called the meeting to order at 6:30 p.m. at the Ellendale Church of Christ.
- Linda L. read the Treasurer's Report.
- Linda L. informed the board that one of the CDs was being released this month. The board discussed several options for reinvesting with another CD. After lengthy discussion over the options, the board determined that the best opportunity for Delta Club was to roll over the existing CD at Regions. The CD is 15 months at 2.25% and pays quarterly. The board also discussed signature options.
- Linda L. read over the quarterly budget. The board also discussed plans for door prize spending for the last meetings of the year.
- Barry M. informed the board that the process was now complete for him to officially be designated as the Repeater Trustee.
- Joe L. reminded everyone that nominations for the board of directors was next week at the October meeting. Linda L. said that she would not be pursuing the Treasurer position.
- Bob V.K. asked about the end of year awards, like the New Ham of the Year and Ham of the Year. The board briefly discussed options for acknowledging various participation.
- Mary Jean H. informed the board that she's started sending welcome emails to visitors of the club meetings. She also informed the board that she'd work on updating the new member application form going off the recommendations from an earlier meeting.
- Joe L. said that he aimed to have a General Class to start on Thursday, Nov. 1 at EMHC and last six weeks, not including the week of Thanksgiving. He will need a minimum of six students to hold the class.
- Joe L. informed that board about some equipment from the Ed Franklin estate that the club would be working to sell. He said that initially the club will get 30 percent of what is sold this week, then will reassess from there. The items will be sold at the MARA meeting on Thursday, October 4, as well as the Day in the Park on Saturday, October 6.
- Ed T. said that Ryan Thomas AJ4MY will serve as the speaker for the October meeting. Thomas has U.S. Coast Guard radio capabilities.
- Without objection, Steve F. adjourned the meeting at 7:55 p.m. The next Board of Directors meeting is scheduled for Tuesday, November 6 at 6:30 p.m.

Minutes of Last Month's Club Meeting

September 11, 2018 Submitted by Mary Jean Hall KN4FBL

Call to Order and Opening Remarks

Club President Steve Frazier KK4VPT called the meeting to order at 7:02 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. Ken Laseter KI4AOH 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. Dan Wehner KN4FBJ seconded the motion. The Treasurer's Report was unanimously approved by the club.

Bluff City Blues Bike Ride

Ken Laseter KI4AOH announced that volunteers are still needed for the Bluff City Blues Bike Ride on Saturday, October 6, 2018. The race starts at 7:30 a.m. and should finish up about 4:30 p.m. More information about the race can be found in Sparks. About 18 volunteers are needed for the race. Ken said that parts of the race will require a mobile unit. There are five rest stops and four different courses. During the race, Ken said that volunteers will be fed well! Anyone who signs up will receive more information.

YL News

Linda Laseter KJ4CTX announced that the next YL Luncheon will be this Saturday at 11:30 a.m. at Olive Garden Wolfchase. 14 YLs attended tonight's meeting, which seems could be a record. Also, don't forget to join the YL Net every Saturday at 8:45 p.m. on the 146.820 repeater!

VE Testing

Tonight's VE testing produced seven new licensees: one technician, four general, and two extra.

Training

Joe Lowenthal WA4OVO announced that as far as classes were concerned, nothing was planned for the immediate future.

Announcements

Joe Lowenthal WA4OVO reminded everyone to be thinking about the St. Jude Memphis Marathon on Saturday, December 1, 2018. This year the marathon will not end in Autozone Park, and the Medical Tent will be at 4th and Union. More people will be needed to volunteer this year.

Ed Taggard K7EDT announced that the Tipton County Club would have a booth in Munford, Tenn. This Saturday, September 15 from 8 a.m. through the afternoon. They will be demonstrating how to get on the air and will make use of the 146.82 repeater. He encouraged everyone to interact with them on air.

Steve Frazier KK4VPT said that Day in the Park would be in Olive Branch on October 6, 2018 from 9 a.m. to 2 p.m. The Olive Branch and Chickasaw clubs are co-hosting the event. There will be a flea market and GOTA station, and testing will occur at 10 a.m. At least a few hundred people are expected to attend.

Steve informed everyone that the estate sale yielded great results from the items sold at Huntsville. He also reminded everyone that all Board of Directors offices are open for the upcoming year. Joe Lowenthal WA4OVO said that nominations will occur at the October meeting and the election will be held in November. Steve informed the club that the hurricane net will be activated tomorrow at 10 a.m.

Break/Presentation

Steve Frazier KK4VPT called for a break from 7:25 p.m. to 7:40 p.m.

Ed Taggard, DARC Director of Programs, introduced Carrie Blackwell as the speaker for tonight's meeting. Carrie KN4LCU spoke on "A Teacher's Trip to W1AW." Carrie discussed the different kits that she and other teachers were able to build. She also expressed her thanks to Joe Lowenthal for helping to make that experience possible.

Drawings and Closing Remarks

Several members won prizes: Paul Rosenblatt, KK4DMD, mag mount antennae; Glen Ellis K4KKQ Chick-fil-A coupons.

Steve Frazier KK4VPT, called for a motion to adjourn the meeting. Ken Laseter KI4AOH seconded the motion. The meeting adjourned at 8:16 p.m. The next Delta Amateur Radio club meeting will be Tuesday, October 9, 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

Ham discussed vertical antennas during the Ham 101 session in September.

Following is the schedule for Ham 101 programs:

- October - Dipole Antennas
- November - Double Bazookas

There will be a CD available for \$3.00 if anyone wants one.

St. Jude Marathon Volunteers

The St Jude Marathon is on December 1, 2018. Anyone looking to volunteer to provide communications for the event contact Roger WR4R at WR4R@bellsouth.net. The assignment requires you to provide communications between hydrations stations and net control as needed. You will be required to bring your own equipment. Generally, this event can be supported with a 2 meter HT. The time commitment will vary depending upon the location where you are working but usually not more than 6 hours.

73's
Roger
WR4R

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

34 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.

PLANNED CLASSES

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.

SCHEDULED CLASSES

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

General Class 4-18 will be held from 6:15-9:30 on six Thursday nights, November 1, 8, 15, 29, December 6 and 13 at EMHC Ambulance Company training room, 6972 Appling Farms Parkway. If you are interested or know anyone interested, send an email to wa4ovo@gmail.com with the Subject Line General Class with name, callsign, email address and cellphone number in the text. Need at least six students to have a successful class. Please

register by October 22nd. This is the last General class to be held before the question pool changes on June 30th.

CLASSES COMPLETED

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 2nd 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 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.

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 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.

Congratulations to Carlos KB4C) (previously KX4IS and 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.

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.

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 fcc.gov/uls
2. Go to OnLineFiling box, Click on LOG IN
3. 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
 - b. If you do not know your Password, click on Contact Tech Support after Forgot your Password
4. 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](#)”
5. In Under Download Authorizations screen, highlight your callsign in the My Authorization area at the bottom left.
6. Click on ADD to right of the highlighted callsign.
7. Highlight your callsign in Authorization to Download and then click on Download on bottom right of screen.
8. If pop-ups are blocked, click on Allow One
9. Click Open at bottom.
10. Print your License.

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.

GENERAL NEWS - we had a great group of YL's at our Delta Club meeting September 11th. In fact, we set a record with fourteen YL's in attendance. Way to go YL's! Joining us for the first time at the meeting were Samantha KN4ONQ and Kirsten Homeyer KM4YNG. We enjoyed meeting you and hope to see you at this month's meeting.

Congratulations to Sylvia KN4OEJ, Laura KN4OEM and Michelle KN4OEG on recently receiving your Tech license. Congratulations also goes out to Samatha KN4ONQ on receiving her Extra class license. Great job!

YL LUNCHEON – We had a good turnout for our September luncheon at Olive Garden. As always there were a variety of items ordered for lunch...spaghetti, soup and salad, fettuccine alfredo, and stuffed mushrooms just to name a few. The salad is all I need for lunch. It is so good!

Welcome to our first time attendee Kirsten KM4YNG and our guest Pat. We enjoyed having you and hope you will join us this month for our Halloween luncheon.

Congratulations to Janet KN4FFBI on winning the door prize for September which was a mini food processor. She said it was just what she needed. It would come in really handy.

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!

OCTOBER LUNCHEON WILL BE:

October 13, 2018

11:30 a.m.

Saturday

Ellendale Church of Christ, 7365 US-70, Memphis, TN 38133

Barri will be presenting our program this month which will be an over view of "CERT". She will be covering what to do in a disaster. This should be very interesting and goes hand in hand with our previous programs on "First Aid". I hope you will join us for a Halloween themed luncheon. It should be fun.



Janet KN4FBI, Janice KX4BB, Kirsten KM4YNG, Pat (guest), Betsy KD4KOM, Linda KJ4CTX, Doris KJ4THA, Ann WB4FAA, Gale KI4VDI, and Barri WB4SWP

Amateur Hardware Update

Article and image submitted by James Butler, KB4LJV

I have been using an old Radio Shack soldering gun for years which finally broke. A better grade of soldering gun has an adjustable heat range for the tip. After looking on eBay I found a nice unit with the features I wanted. These included a smaller tip for finer work, an insulated handle, and adjustable temperature tip.

The unit I got was under \$6.00 with free shipping. The quality of the soldering gun is great. It heats up fast to the temperature I select. This 115 VAC soldering gun has the adjustable tip temperature selector on the handle. It also has a small LED in the handle which comes on and off as the tip heat cycles. The soldering gun is lightweight and easy to handle. It even came with a small tip holder to keep heat away from your work surface. If you need a good soldering gun check out this model on eBay. Do a search for “soldering gun” to see all that are for sale.



James Butler
KB4LJV

Amateur Packet Update
Submitted by James Butler, KB4LJV

One manufacturer of high end Morse code keys is N3ZN, Tony Baleno. He has been making Morse code paddles and keys for a while. His work is excellent with many styles of straight keys along with single and dual lever paddles. He has a new website to show his work and offer these keys for sale. The website also has an information section on using his keys and learning Morse code. Tony also has links to repair parts for other brands of keys and paddles. One of the special features of his paddles is the option of selecting the spacing between the paddles to match the preferences of the operator. His keys can be used for portable operation or for base station use. To have a look at these custom built keys and paddles go to his new website. He web address is <http://www.n3znkeys.com/>

James Butler
KB4LJV

Jamboree On The Air, October 19 – 21
Submitted by Hugh Wardlaw WB4SLI

One of the issues that many people miss is how the youth of today are the future of our hobby. There are not very many opportunities that are focused on the youth in conjunction with Amateur Radio. On **October 19 through 21** we will have that opportunity.

Jamboree On The Air (JOTA) is an annual fun event. Its purpose is to have as many boys and girls talking to boys and girls of other countries. It is not a contest, but rather longer contacts with the boys and girls doing the talking. Besides HF, operators could employ EchoLink, DMR, D-Star, and other modes.

I have had the most successful JOTAs using a park-like setting for HF. Others may want to use a room in the charter organization for the Internet-based contacts. Charter Organizations are the clubs, churches, and other sponsoring organizations. There are all sorts of opportunities. I hope that everyone noticed that I mentioned boys and girls.

The **US Scouting program** sponsors the event for the **US**. Here is a link to the BSA site that will provide more information. <https://www.scouting.org/jota/station-registration/>

I hope to catch some of us on the air. My plans include, HF, DMR, and D-Star.

Thanks and 73,
Hugh WB4SLI

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.

Amateur Radio Humor

So this ham is tuning around the bands and he hollers out to his wife, “Honey, bring me a beer before it starts.” She is a bit annoyed, but brings him the beer. He downs it pretty fast and a few minutes hollers out again, “Honey, bring me another beer, before it starts.” Now she is getting miffed, but he drank the beer pretty fast, and under the circumstances, sometimes it is best not to make trouble. She brings him the beer. Sure enough, a few minutes later, he hollers out again, “Honey, how about another beer before it starts?”

Well, she has had enough! She storms into his shack and starts reading him the riot act. “I cook for you! I clean your house! I do the laundry! I take care of the kids and I have a job besides. If you want a beer, you can get your lazy butt up and get it yourself!”

“Damn” he says. “It started.”

Q: How do you greet a ham radio operator?

A. With a short wave.

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

Vice President

[Bob Van Keuren KM4SEB](#)
901-853-0303

Secretary

[Mary Jean Hall KN4FBL](#)
901-356-1475

Treasurer

[Linda Laseter, KJ4CTX](#)
901-268-1766

Director of Training

[Joe Lowenthal, WA4OVO](#)
901-628-4318

Director of Publications

[Bob Vawter, KW4RJ](#)
901-438-4563

Director of Programs

[Ed Taggard K7EDT](#)
480-225-7327

Director of Meetings & Special Events

[Scott Adams, KM4PMU](#)
901-573-6280

Repeater Trustee

[Barry McDonald W5CJ](#)
901-853-0510

Public Information Officer

[Len Grice, W4MKS](#)
901-522-6711

Immediate Past President

[Ken Laseter, KI4AOH](#)
901-487-9103

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	Ken Laseter KI4AOH
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
October 20	Chattanooga Ham Radio Club https://w4am.net/hamfest-chattanooga-2018/

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/fl312601Fill-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

CURRENTLY STOCKING

Antennas	Antenna Mounts	Connectors	Coax & Cable
HT	Magnet	UHF	RG-213
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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)



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

Joe Miller
Owner

Please thank our sponsors by using their services and mentioning that you saw their ad in the Delta Club SPARKS Newsletter!

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

Advertisement forms can be downloaded from our website –
<http://w4bs.org/aboutUs.html>