

SPARKS

P.O. Box 342768 * Memphis, Tennessee 38134-2768 * Volume 34 * November 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 November 13, 2018, at Ellendale Church of Christ, 7365 Highway 70 Memphis, TN (1 ½ miles north of Highway 64 (Stage Road)).

Elections will take part of the program this month, we will see a short ARRL video, and we will have several door prizes to give away this month.

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](#), or call at 901-301-6776.

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

Charles Humphreys KN4ONU upgrade to Extra

President's Corner

Submitted by Steve Frazier, KK4VPT

Before I write each month's President Corner, I usually look back to this month's Sparks from prior years to make sure I include important themes and reminders. This time I am especially glad I did because the prior years' President Corners emphasized that this weekend is Veteran's Day weekend. I think this important day is sometimes overlooked because unlike Memorial Day, not as many people get time off from work to observe this important day. While both are important days, too many times Memorial Day is spent celebrating the beginning of summer instead of remembering those from our past that paid the ultimate price for our country. And because Veterans Day has become the "red-head step-child" to Memorial Day, we too often overlook our chance to personally thank those who have served our country while we still have the chance.

I would like to take this time to say THANK YOU to all our members who have served in our armed forces.

While getting to know our members over the last few years, I know that we have a large number of veterans and I think that is a major factor that makes us such a strong community-oriented group.

We are a short time away from the St. Jude Marathon on December 1st. The last update I saw from Rodger he said he could still use some help. This is a big event for the ham community and a great opportunity for you to use your unique skills to help a great cause. If you would like to join us contact Roger Schlichter, WR4R, at wr4r@bellsouth.net.

At the November meeting in addition to the election of board members and a program we will once again this year have door prizes. We hope to see you at the meeting but if you are not able to be there, don't forget you can join us on the net every night at 8pm on the 146.82 repeater.

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.

73,
Steve Frazier
KK4VPT

Treasurer's Report
Submitted by Linda Laseter KJ4CTX

DELTA AMATEUR RADIO CLUB

Monthly Treasurer's Report

For month ended October 2018

Submitted by Linda Laseter Treasurer

CHECKING ACCOUNT

| BEGINNING BALANCE | | |
|--------------------------|-----------------------|-------------------|
| BEGINNING BALANCE | as of October 1, 2018 | \$6,906.76 |

| INCOME | | | |
|---------------------|-----------------------|----|-----------------------------------|
| Date | | | Amount |
| 10/10/18 | Membership 2019 | \$ | 20.00 |
| 10/11/18 | Franklin Estate Sales | \$ | 1,993.00 |
| 10/11/18 | Franklin Estate Sales | \$ | 361.00 |
| 10/08/18 | Membership 2018 | \$ | 20.00 |
| 10/09/18 | Membership 2019 | \$ | 150.00 |
| 10/10/18 | Franklin Estate Sales | \$ | 75.00 |
| 10/22/18 | Franklin Estate Sales | \$ | 150.00 |
| TOTAL INCOME | | | \$ 2,769.00 \$ 2,769.00 |

| EXPENSES | | | | |
|-----------------------|---------|---------------------------|----|---------------------------------|
| Date | Check # | Description | | Amount |
| 10/09/18 | 1471 | Joe Lowenthal Door prizes | \$ | (70.00) |
| TOTAL EXPENSES | | | | \$ (70.00) \$ (70.00) |

ENDING BALANCE as of October 31, 2018 **\$ 9,605.76**

| CERTIFICATES OF DEPOSIT | | | | | |
|--------------------------------|---------------|---------------|-------|----|---------------------|
| | Maturity Date | Balance as of | | | |
| Certificate of Deposit #1 | 10/10/18 | 7/31/18 | 1.25% | \$ | 10,665.33 |
| Certificate of Deposit #2 | 10/19/22 | 10/31/18 | 1.60% | \$ | 10,282.24 |
| TOTAL DARC CASH ASSETS | | | | | \$ 30,553.33 |

DARC Board of Directors Meeting Minutes

November 6, 2018 -- Submitted by Mary Jean Hall KN4FBL

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

Absent: Linda Laseter KJ4CTX, Ed Taggard K7EDT, and Len Grice W4MKS.

Guests present: David Jackson KM4SEC

Steve F. called the meeting to order at 6:40 p.m. at the Ellendale Church of Christ.

The board briefly discussed the end of year awards, such as Ham of the Year and New Ham of the Year and decided to brainstorm and make the final decision at the December Board of Directors meeting.

Barry M. updated everyone on the repeaters. During the recent time change, he updated the time for two of the area repeaters: the .82 and the one on the University of Memphis campus. The other repeaters updated automatically.

David Jackson, the nominee for Treasurer for 2019, inquired about the specific roles of the position and made some recommendations to help with the transition. After some discussion, Joe L. made a motion for the club to purchase a laptop that would house the needed software for the Treasurer with a maximum of \$500 to be spent on the laptop and a maximum of \$200 to be spent on QuickBooks software. Bob V.K. seconded the motion. The board unanimously approved the motion.

Joe L. said that there are currently 14 students in the General class and it seems to be going well. He is also looking into options for an extra class and a technician class in the winter and spring.

Joe L. informed the board of the progress of recent equipment sales, and then the board discussed potential events to sell the other items.

Steve F. said that Ed Taggard informed him that the November program would include an ARRL video.

Bob V.K. reminded everyone that the December meeting was a potluck-style dinner.

Without objection, Steve F. adjourned the meeting at 8:09 pm. The next Board of Directors meeting is scheduled for Tuesday, December 4 at 6:30 pm at Ellendale Church of Christ.

Minutes of Last Month's Club Meeting
October 9, 2018 Submitted by Mary Jean Hall KN4FBL

Call to Order and Opening Remarks

Club Vice President Bob Van Keuren KM4SEB called the meeting to order at 7:03 p.m. at the Ellendale Church of Christ. He welcomed the club and noted that President Steve Frazier KK4VPT was out of town tonight. Everyone then introduced themselves by name and call sign.

Secretary's Report

Ned Savage KA4BLL 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

Bill Flanigan KK4VPS 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.

YL News

Linda Laseter KJ4CTX announced that the next YL Luncheon will be this Saturday at 11:30 a.m. at the Ellendale Church of Christ. The luncheon will be Halloween themed, so don't miss out!

VE Testing

Jeff Krause AJ4GY said that tonight's VE testing produced one extra licensee.

Training

Joe Lowenthal WA4OVO announced that a General Class will start November 1, 2018 and occur for six Thursdays from 6:15 p.m. – 9:30 p.m. at EMHC. The class will not occur on Thanksgiving, so the final date will be December 13. Seven have signed up so far, but there is room for more. If you are interested in taking the class, email Joe at wa4ovo@gmail.com with subject line "General Class." In the email body include your name, call sign, email address and phone number.

Bluff City Blues Bike Ride Recap

Ken Laseter KI4AOH said that Saturday had been eventful for communications in the Bluff City Blues Bike Ride. Many areas of the race in Shelby and Tipton Counties had no cell phone service, and he said that in some areas, even the ham radios had trouble. This year over 650 bikers participated and eight volunteers worked radio communications. Within the first two and a half hours, five riders had been transported to the hospital by ambulance, which kept radio communications busy. Next year's event is scheduled for Saturday, October 5, 2019.

Day in the Park

Joe Lowenthal WA4OVO gave a recap for Day in the Park, which occurred in Olive Branch, MS this past Saturday (Oct. 5). They sold over \$2,000 in equipment from the estate items, so Delta Club will get about \$600 (30 percent). Scott Adams won the grand prize at the event, too.

St. Jude Marathon

Roger Schlichter WR4R reminded everyone that the St. Jude Memphis Marathon is coming up quickly. This year the marathon is Saturday, December 1, 2018. Last year about 65 operators volunteered for communications. He said that the more the better, and this can be a great learning experience for newer hams. Most volunteers should be done in about seven hours, from about 6 a.m. – 2 p.m. or 7 a.m. – 1 p.m. If you think you've signed up to help but haven't received an email from him about the waiver, email him. Those interested in volunteering should email Roger at wr4r@bellsouth.net.

Announcements

According to Bob Van Keuren KM4SEB, October 19-21 will be Jamboree on the Air, or JOTA. JOTA is an annual event that encourages Scouts to get on the air to talk to other Scouts and amateur radio operators across the world. For more information, reference the article by Hugh Wardlaw WB4SLI in the October Sparks.

Bob Van Keuren KM4SEB reminded everyone that membership renewals for the 2019 year have arrived. Anyone interested in renewing now should see Treasurer Linda Laseter KJ4CTX. Next month's meeting will have more than one nice door prize, and you can't win one if you aren't at the meeting!

HAM 101

Ham Hilliard W4GMM said that next month's HAM 101 will complete the series on wire antennas; they will not meet in December. They will meet in January if he can figure out an idea, so if there is something particular you want to learn, email him at w4gmm@bellsouth.net. In November, HAM 101 is at 6 p.m. before the DARC monthly meeting, upstairs at the Ellendale Church of Christ.

Break/Board of Directors Nominations

Bob Van Keuren KM4SEB called for a break from 7:25 p.m. to 7:38 p.m.

After the break, Bob discussed the Board of Director positions for next month's election. He said that Linda Laseter KJ4CTX, who has been serving as Treasurer for three years, was the only board member who didn't wish to serve again in 2019. Bob opened the floor up for additional nominations for the board positions. No additional nominations were made for the following positions: President, Vice President, Secretary, Director of Training, Director of Publications, Director of Programs, and Director of Meetings and Special Events. When Bob called for additional nominations for the Treasurer position, Barry McDonald W5CJ nominated **David Jackson**

KM4SEC. David accepted the nomination. Bob Van Keuren KM4SEB called for any additional nominations for the Treasurer position. After none were made, he closed the floor for nominations and reminded everyone that the election was next month.

Following are the nominees for the **Delta Amateur Radio Club 2019 Board of Directors:**

President – Steve Frazier KK4VPT

Vice President – Bob Van Keuren KM4SEB

Secretary – Mary Jean Hall KN4FBL

Treasurer – David Jackson KM4SEC

Director of Training – Joe Lowenthal WA4OVO

Director of Publications – Bob Vawter KW4RJ

Director of Programs – Ed Taggard K7EDT

Director of Meetings and Special Events – Scott Adams KM4PMU

Presentation

Joe Lowenthal WA4OVO introduced Ryan Thomas AJ4MY, a Lieutenant in the United States Coast Guard, as the speaker. Ryan spoke about the hardware used by the USCG, as well as how the USCG used radios to find lost individuals.

Drawings and Closing Remarks

Several members won prizes:

Ned Savage KA4BLL, antenna; Mary Jean Hall KN4FBL, Chick fil A gift cards

Without objection, Bob Van Keuren KM4SEB adjourned the meeting at 8:22 p.m. The next Delta Amateur Radio club meeting will be Tuesday, November 13, 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 dipole antennas during the Ham 101 session in October.

Following is the schedule for Ham 101 programs:

November - Double Bazookas

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

St. Jude Marathon Volunteers

Roger Schlichter WR4R

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

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.

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

PLANNED CLASSES

Extra Class 1-19

The next Extra class is in the planning stage to start January 5th through February 16th excluding January 26th (Jackson MS HamFest) on six Saturday from 9am-1pm. The location is undetermined at this time.

Tech Class 2-19

The next Technician class will probably start in late February 2019 for six weeks either on a Monday or Thursday week nights or Saturdays.

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 from November 1st to December 13th excluding November 22nd at EMHC Ambulance Company training room, 6972 Appling Farms Parkway. Fourteen students are in the class. The instructors are Joe Lowenthal WA4OVO, Pat Lane W4OQG, Len Grice W4MKS, Barry McDonaldf W5CJ and Perry Hayes N4PSH.

COMPLETED CLASSES

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

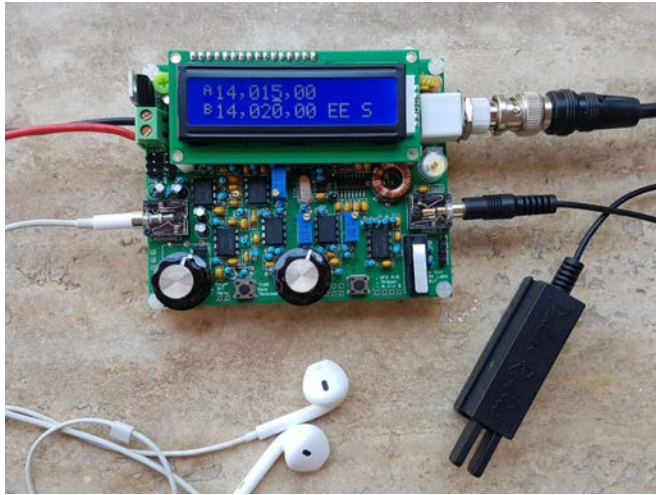
1. Go to fcc.gov/uls
2. Go to OnLineFiling box, Click on LOG IN
3. Enter your FCC Federal Registration Number (FRN) and Password
 - a. If you do not know your FRN, go to Search box and click on License
Click on Amateur; Enter your callsign in Callsign box;

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.

Amateur Hardware Update

Article and image submitted by James Butler, KB4LJV

Many new companies have now started to sell kits for Amateur Radio. One of the new ones with great products is QRP LABS. They have the best price I have seen on a mono-band



QRP Morse code rig. This 5 watt CW kit is under \$50.00. It covers a band of your choice. It has a built in Morse keyer function, 5 watts output, and an LCD screen for the digital frequency readout and other functions. SMD chips are pre-soldered to the circuit board and you solder on the other components. You also have to supply a case to put the project in. The site includes pictures and a PDF assembly manual so you can look at the design and how it assembles. This radio offers so many features at such a low price it stays on backorder. You have to be put on a list as to when yours will be sent. They can only build 1500 of these kits

each month. If you are looking for the best deal on a QRP CW rig with modern features, check out this one from QRP LABS. Their web address is <https://www.qrp-labs.com/>

James Butler
KB4LJV

Amateur Packet Update

Submitted by James Butler, KB4LJV

The ARRL has come out with a new book for Amateur radio antennas. This book deals with receiving antennas for maximum reception. It talks about theory on receiver antennas. The book also has lots of information on the use of pre-amplified antennas along with passive receive antenna designs. It explains how to design antennas to use a null to block unwanted signals. The book also has a section on diversity reception. It even has receiving antenna projects and accessories. To check out this new book on the ARRL website, get to their web address. It is <https://www.arrl.org/shop/Receiving-Antennas-for-the-Radio-Amateur/>

James Butler
KB4LJV

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

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

[Bluff City Blues 100 Ride](#)
Ken Laseter KI4AOH



Ken KI4AOH

John KN4LCV-John KN4BVH



Shelby County Mass Casualty Exercise

October 17, 2018



VAMC "Patients"



VA Command Center



VATriage area

Ham Radio Exercise Coordinator-Joe Lowenthal WA4OVO

Agricenter/Health Department-John Reiners KN4BVH/Marling Mogy KM4DPP/Robert Bowman KN4KFL

Net Control-Pat Lane W4OQG/Barri Munday WB4SWP

Baptist Collierville-Barry McDonald W5CJ

Baptist Memphis-Rick Tillman WA4NVM/Richard Martin K4DXF

Baptist Women's-Harry LaVoice

Baptist Tipton-Bob White AI4GI/Lou Duquette KN4ICE/Gabi Duquette KN4IID

Methodist Germantown-Bill Stevens WC9S/Jennifer Arndt N4JSE/Jim Thannum KKCSX

Methodist LeBonheur-John Wright KD4KGI/Ian Lucas KN4OEK

Methodist Olive Branch-Bill Lloyd KF5TWK

Methodist North-Steve Evans KM4VYA/Jose Iberra KJ4TCJ

Methodist South-Danny Efnor WA4ADT/Pat Tobin KJ4PT

Methodist University-James Martin KD4FUU/John Volmer KN4LCV

St.Francis Bartlett-Hugh Wardlaw WB4SLI/Warren Zimmer KC7ND
St.Francis Park Ave-Rick Honey KK4SZO/Michelle Komberger KM4GLG
St.Jude-Jim Morris W5JTM/Samantha Melton KN4ONQ/Alejandro Molinelli KP4VS
Regional One-Len Grice W4MKS/Joe Lowenthal WA4OVO
VAMC-Bill Flanigan KK4VPS/Bob Vawter KW4RJ
NON-HOSPITALS
Campbells Clinic Germantown and Midtown-George Moore WV4W
Trezevant Manor-Danny Britt KK4CBI

Amateur Radio Humor

My greatest fear is that I will die and my wife will sell each piece of amateur radio gear for the amount that I told her I paid!

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 wr4r@bellsouth.net |
| 2019 | | |
| Jan. 20 | Swamp Stompers 50K/25K Run | Ken Laseter KI4AOH kenlaseter@gmail.com |

Area HamFests

2019

| | |
|---------------|--|
| January 25-26 | Capitol City HamFest in Jackson, MS |
| February 8-10 | HamCation 2019 in Orlando, FL |
| February 16 | LCARC's 2019 Winterfest in Hoxie, AR |
| March 1-2 | BirmingHamFest 2019 in Birmingham, AL |
| March 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 HamFest in Lebanon, TN |
| August 18-19 | Huntsville HamFest in Huntsville, AL |
| October 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/f1312601Fill-in.pdf>

The following link from the Tennessee Department of Revenue

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

Memphis Area VHF/UHF Nets

Updated January, 2018

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

Delta Club sponsored Nets are shown in red.

TENNESSEE HF NETS

As of January 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 |
| Mobile | Trunk Lip | "N" | RG-8/U Mini |
| Base Station | Roof Mount | SMA | RG-58 |
| HF | Window Mount | BNC | 450 & 300 Ohm |
| Wire | Swivel Ball | RCA | Rotor Cable |

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

**Owners/
Operators**

**Steve
W5VAA**

**Rosalinda
WN2V**

**Ham
W4GMM**

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

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

DELTA AMATEUR RADIO CLUB

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

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



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



Joe Miller
Owner

Chick-fil-A Paragon Place

6282 Poplar Avenue

At Poplar and Massey

Memphis, TN 38119

W - 901.766.1875

C - 901.230.3043

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chick-fil-a.com

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>