

SPARKS

P.O. Box 342768 * Memphis, Tennessee 38134-2768 * Volume 24 * February 2018



Welcome to the
Delta Amateur Radio Club

Website: W4BS.ORG or
DeltaClubMemphis.com

Contact via [Email](mailto:)

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

W4BS

REPEATER SYSTEM

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

This month's meeting begins at 7pm on February 13, 2018, at Ellendale Church of Christ, 7365 Highway 70 Memphis, TN (1 ½ miles north of Highway 64 (Stage Road)).

In this month's program we will see a 30 minute video from **ARRL**, "History of Ham Radio in the 20th Century".

Delta Club FCC testing sessions are held monthly except December. Registration begins at 5:30 PM; testing begins by 6:00 PM. Please bring a photo ID and another form of identification, copies of existing licenses or CSCEs, and your FCC Registration Number (FRN) if one has been issued. Please be on time for registration to allow our Volunteer Examiner (VE) team to complete their work prior to the club meeting. The 2018 test fee is \$15 (cash or check). Individuals receiving their initial FCC license grant at a Delta Club test session or through a Delta Club training class will receive a complimentary individual club membership for the remainder of the current calendar year when they also show proof of ARRL membership. For more information, please email our VE Liaison, [Jeff Krause, AJ4GY](mailto:), or call at 901-301-6776.

Congratulations to those who passed exams during Delta's January 2018, test session: **Nathan Dye - KX4IA** (Extra) and **Johannes Vanderaa - KN4IUZ** – (Tech)

STORM SPOTTER TRAINING

The National Weather Service, Memphis office, will give an NOAA Storm Spotter Training class on **Tuesday, March 27th** from 7pm-9pm at **Lord of Life Lutheran Church**, 6865 Poplar Pike.

President's Corner

Submitted by Steve Frazier, KK4VPT

During what is now known as the "Great 146.82 outage of 2018" that is discussed in greater detail in this edition of Sparks; how many of you like me checked your radio settings and power source because our repeaters don't go down - especially good ol' 82. We have this kind of dependability in all our repeaters because of the planning and hard work of our repeater Trustee **Bill Stevens WC9S** and his support team. During our planning for 2018 at the end of last year, Bill announced that he was ready to transition out of the role of Repeater Trustee. Bill has been Trustee since at least Dec 2013 and during this time has done more than most of us will know to not only maintain but to continuously improve our repeater network. After the '82 repeater outage, Bill let me know that **Barry McDonald W5CJ**, who was one of a group that worked on troubleshooting the problem, was interested in the position of Repeater Trustee. I discussed this with Barry at the Swamp Stompers race and he confirmed he has enjoyed working with Bill on the repeaters and would accept the position of Trustee. Since Barry was one of the few "working" the event from inside the Visitor Center, I knew it was not the hypothermia effecting his decision. Please join me in thanking **Bill Stevens** for all his years as Trustee and also welcoming and supporting **Barry McDonald** as our new Trustee.

As advertised, Delta Club's support of the **2018 Swamp Stompers** ultra-marathon was a cool activity. In fact the course had to be changed due to snow and ice on the course. It was so cold, my iPhone shut down more than once due to the cold (first time I can remember that happening) but my radios never missed a beat. Like we always say - "When all else fails - Amateur Radio!!"

Included in this month's Sparks you will find a copy of the 2018 budget. During the February monthly meeting, we will review and vote on the budget. Hopefully you will have a chance to review the budget before the meeting.

Speaking of the budget, thank you to our members who have paid your 2018 dues and if you have not had a chance to do so yet; we will be available at the February meeting to accept your membership application and dues. As always, your membership renewal can be done at any time and is always appreciated.

73
Steve Frazier
KK4VPT

Treasurer's Report
Submitted by Linda Laseter, KJ4CTX

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

DELTA AMATEUR RADIO CLUB
Monthly Treasurer's Report

For month ended January 31, 2018
Submitted by Linda Laseter
Treasurer

CHECKING ACCOUNT

BEGINNING BALANCE

BEGINNING BALANCE	as of January 1, 2018	\$2,864.91
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INCOME

Date		Amount	
01/09/18	Membership dues	\$90.00	
01/18/18	Membership dues	\$610.00	
TOTAL INCOME		\$700.00	\$700.00

EXPENSES

Date	Check #	To	Description	Amount	
01/09/18	1442	Joe Lowenthal	Cokes for meeting	\$(10.61)	
01/30/18	1443	TN Sec of State	Annual report	\$(20.00)	
TOTAL EXPENSES				\$(30.61)	\$(30.61)

ENDING BALANCE	as of January 31, 2018	\$3,534.30
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CERTIFICATES OF DEPOSIT

	Maturity Date	Balance as of	
Certificate of Deposit #1	10/10/18	1/31/18	\$10,567.95
Certificate of Deposit #2	10/19/22	12/19/17	\$10,160.25

TOTAL DARC CASH ASSETS		\$24,262.50
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DELTA AMATEUR RADIO CLUB			
2018 PROPOSED BUDGET			
Submitted by: Linda Laseter KJ4CTX Treasurer			
	PROJECTED DARC INCOME	2017 BUDGET	2018 BUDGET
Donations (cash)		\$ 50.00	\$ 50.00
Consignment, Donated Gear		\$ -	
Membership (Jan 1 thru Dec 31)		\$ 2,000.00	\$ 2,000.00
Club patches		\$ 10.00	\$ 10.00
Estate Sales		\$ 500.00	\$ 750.00
Advertisement		\$ 90.00	
Huntsville Trip		\$ 2,500.00	\$ 2,500.00
TOTAL PROJECTED INCOME		\$ 5,150.00	\$ 5,310.00
	PROJECTED DARC EXPENSES	2017 BUDGET	2018 BUDGET
TN Annual Report		\$ (40.00)	\$ (40.00)
Meeting Space (Donation)		\$ (200.00)	\$ (300.00)
Training		\$ (250.00)	\$ (250.00)
Meeting Refreshments		\$ (500.00)	\$ (500.00)
Food - December Meeting		\$ (100.00)	\$ (100.00)
Door Prizes		\$ (500.00)	\$ (500.00)
P.O. Box - Annual rental		\$ (140.00)	\$ (166.00)
Liability insurance		\$ (200.00)	\$ (200.00)
Equipment Insurance		\$ (200.00)	\$ (218.72)
Repeater Systems Upgrades		\$ (1,000.00)	\$ -
SouthEastern Repeater Assn.		\$ (35.00)	\$ (35.00)
Field Day		\$ (250.00)	\$ (250.00)
DARC Board Discretionary Fund (awards, repeater upgrade, supplies etc.)		\$ (2,000.00)	\$ (2,000.00)
Huntsville Trip		\$ (2,500.00)	\$ (2,500.00)
Free Fest Donation		\$ (200.00)	\$ (200.00)
PROJECTED TOTAL EXPENSES		\$ (8,115.00)	\$ (7,259.72)
Projected Net Operating Results (Income -expenses)		\$ (2,965.00)	\$ (1,949.72)
Checking account balance		\$ 4,170.27	\$ 2,864.91
Projected Net Operating Results (Income -expenses)		\$ (2,965.00)	\$ (1,949.72)
Projected Checking Account Balances - year end		\$ 1,205.27	\$ 915.19
Certificate of Deposit #1		\$ 10,405.23	\$ 10,567.95
Certificate of Deposit #2		\$ 10,000.00	\$ 10,160.25
		\$ 20,405.23	\$ 20,728.20
PROJECTED DARC END OF YEAR ASSETS		\$ 21,610.50	\$ 21,643.39

This Month's Board Meeting Minutes
February 6, 2018 Submitted by Mary Jean Hall KN4FBL

DARC Board of Directors Meeting Minutes
February 7, 2018, submitted by Mary Jean Hall, KN4FBL

Attendees: Steve Frazier, KK4VPT, Bob Van Keuren, KM4SEB, Linda Laseter, KJ4CTX, Joe Lowenthal, WA4OVO, Bob Vawter, KW4RJ, Kevin Zent, K4KLZ, Scott Adams, KM4PMU, Barry McDonald, W5CJ, Len Grice, W4MKS, Steve Evans, KM4VYA, Mary Jean Hall, KN4FBL.

Steve Frazier called the meeting to order at 7:00 p.m.

Steve Frazier announced that Barry McDonald accepted the position as the W4BS Repeater Trustee.

Linda Laseter presented the DARC 2018 Proposed Budget. She pointed out that the main change was \$2,000 for repeater upgrades. The budget was passed by the board and will be voted on by members at the February DARC meeting.

Steve Evans informed the group of the progress of sorting data on the membership spreadsheet in order to help the club determine active members vs. non-active members.

Kevin Zent asked for feedback from the board for program ideas.

Linda Laseter presented the Treasurer's Report.

Joe Lowenthal updated the board on the progress of working with nearby university student groups. There will be a Tech class starting on Feb. 24, 9 a.m. – 1 p.m. at EMHC. Joe also asked the board to start checking interest on taking a bus to the Huntsville Ham Fest.

Steve Frazier asked the board for feedback for a potential public service event, Walking Tall 50K.

The motion to adjourn was made and seconded at 8:34 p.m.

Minutes of Last Month's Club Meeting

January 9, 2018 – Submitted by Steve Evans



Call to order and opening remarks

Club President Steve Frazier, KK4VPT, opened the meeting at 7:00 pm and reminded everyone to sign in and drop a ticket in the bucket. Introductions were then made by name and call sign.

Secretary's Report

Ham Hilliard, W4GMM, moved to approve the previous meeting minutes as recorded in Sparks, second not recorded; the minutes were approved by acclamation.

Treasure's Report

Ham moved to approve the Treasurer's report as recorded in Sparks, second Ned Savage; the report was approved by acclamation.

VEC

Tonight's VE testing produced
-- 1 new Technician Class Licensee(s)
-- 1 new Extra class Licensee(s)

Training

Joe Lowenthal, WA4OVO, mentioned an Extra class beginning January 13 and running for 6 Saturdays (except the week of the Jackson HamFest).
Location: EMHC Ambulance on Appling Way. Joe also reported on progress with the Technician Class currently in session.

Events

Looking for a few more to provide communications during the Swamp Stompers event.

HAM 101

Ham Hilliard, taught WinLink and discussed PacTor modems

Presentation

The presentation was on setting up repeaters using Handy Talkies given by David Campbell WA4NOQ.

Drawings

January raffle prizes were a padfolio and a toolkit. Congrats to our winners. The meeting adjourned at 8:40pm.

January HQ 101
Submitted by Ham Hilliard W4GMM



The **January** class was an introduction to **WinLink**. Topics were equipment, software and introduction to the WinLink network and how it works.

The **February** meeting will be about storage batteries for use in go boxes and emergency standby power for the ham shack.

Ham 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.

Ham Hilliard W4GMM

Delta Ham License Training, 2018
Submitted by Joe Lowenthal, WA4OVO

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.

Licenses Earned in 2018 from Delta Classes
18 Technician
1 General
0 Extra

Note:

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

The current Technician ARRL Ham Radio License Manual Third Edition with question pool that effective July 1, 2014 for four years. This question pool expires June 30, 2018

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.

If you are interested in attending a training class, send an email to [Joe Lowenthal](mailto:Joe.Lowenthal@arrl.org) with the desired class name in the subject line, along with your name, callsign if one, email address and cell phone number in the text.

PLANNED CLASSES

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

Tech Class 2-18 is being planned from February 24th to April 7th except March 10th and 17th on five Saturdays from to 1 p.m. or 9 a.m. – 4 p.m. at EMHC ambulance company training room on Appling Farms Pkwy. If you know someone interested, have them send an email with Subject line: Tech Class and name, email address, and cellphone number in text to wa4ovo@gmail.com.

CURRENT CLASSES

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

Extra Class 1-18 is being held on 5 Saturdays and one Sunday from January 13th to February 24th from 9 a.m. to 1 p.m. on Saturdays and 1-5 p.m. on Sunday January 28th at EMHC ambulance company training room, 6972 Appling Farms Pkwy. There are 10 students taking the class with two recent Extras auditing the class.

The students are Dan KN4FBJ, Janet KN4FBI, Billy K4IOA, Jim KN4GJF, David KM4SEC, Todd W4RTV, Ed K7EDT, Mac KJ4EHE, Carlos KK4CRO, and Robert KN4FVT. The auditing Extras are Nathan KX4IA and Rick WB9TCB.

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



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

COMPLETED CLASSES

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. In coordination with the professor, Dr. Eric Welch WD5FTA, we provided study materials to the students prior to the review class. All 18 students earned their Technician license while one also earned her General Class license.

The new call signs go from KN4JFN thru KN4JFZ, KN4JGA, KN4JGB, KN4JGX, KG5YAX and KD9KCQ. The students are either Electrical, Mechanical or Computer Engineering majors. Dr. Welch is the Department Chair of Electrical and Computer Engineering.



Tech Review Class at CBU Photo by Len Grice W4MKS

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



Laurel VE Team (left-right) Rick KF5WVJ, Joe WT4N, standing left Tim N5PYQ, Jim KE5RHM, Weldon N5YW and not pictured is Ed KF8PD. Joe WA4OVO, standing right, is helping with the registration paperwork.
Photo by Len Grice W4MKS

YL News

Submitted by Linda Laseter, KJ4CTX

YL News February 2018

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 continue to have a number of regular YL's check in and several OM's have checked in. We really appreciate your support OM's and hope you will continue to check in with us. We are also very thankful to Perry N4PSH and David KM4SEC for their support of the YL Net and their announcement of the YL Net each Saturday evening on the Delta Club Information Net.

Please welcome Betsy KD4KOM as our newest YL Net control operator. She did a super job of calling the YL Net her first time and we look forward to her continued participation on the YL Net. Great job Betsy!

YL LUNCHEON – Wow! 2018 certainly started off to a bang up start! Two snows in one week. My backyard looked like a picture postcard. Picture postcard or not, it is cold outside and I am staying in and warm. Memphis and the surrounding counties have definitely had our share of snow and straight line winds in the past, but I do not remember Mother Nature blanketing us with two snow falls in one week. Throw in ice and very low temperatures and we decided to cancel our O'Charley's luncheon and stay home by the fire and keep warm. "Better to be safe than sorry."

We continue to try and improve our luncheons and welcome any suggestions you might have for upcoming programs or a restaurant suggestion. There will be a few changes beginning in 2018.

First we will continue to serve homemade meals at our program luncheons. This was a big hit with the YL's and the OM's as well.

Secondly, starting in January the door prizes will be funded from our program luncheon donations. In the past YL's have kindly brought a gift the month after they won the door prize due to the fact that we do not collect dues and we had no monies in the YL treasury.

Thirdly, we are planning two special door prize drawings in November. 1) Each time you check in on the YL Net in 2018, a ticket will be placed in a "Special" November drawing for you. 2) We will also have a "Special" drawing for those who attend our luncheons. Each time you attend a luncheon a ticket will be placed in the drawing for you. Both drawings will be held at the November 2018, luncheon. Please note that you must be present at the November luncheon to be eligible to receive the "Special" luncheon door prize, but you do not have to be present to receive the "Special" YL Net door prize. **SORRY OM'S THIS IS FOR YL'S ONLY!**

Our February luncheon will be February 10, 2018, at the Ellendale Church of Christ.

Jim KI4I, Ervin KU4K and Ken KI4AOH will be presenting a program on our handy talkies and connecting different antennas and other items (power supply, amplifier, etc.) to o the handy talkie to increase the talk time and output. They will also be available to answer any questions you might have.

February program luncheon meeting:

11:30 a.m.

Ellendale Church of Christ

7365 Hwy 70

Memphis, TN 38133

We plan to serve soup, chili, salad and dessert this month. Your donations will help us continue to serve the luncheons.

We also plan to play a few rounds of BINGO if time allows and we have enough YL's who would like to participate.

March luncheon:

11:30 a.m.

March 24, 2018

Macaroni Grill

2859 N. Germantown Road (Across from the Wolfchase Mall)

Memphis, TN 38133

901 266-4565

Shelby County Medical Reserve Corps (MRC)
Submitted by Len Grice W4MKS



T.J. Shouse, W4BNT, (left) and Joe Lowenthal, W4A0V0, both members of the Delta Amateur Radio Club, were recently awarded special recognition plaques by the Memphis Office of Emergency Management for their many hours of volunteer service to the Shelby County Tennessee Health Department's 150th Medical Reserve Corps.

Tom Knecht, KK4DMG, Len Grice, W4MKS, Pat Tobin, KJ4PT, William Thomas, K1AWT, and Merrie Thomas, K1BWT, all members of the Delta Amateur Radio Club were also recognized with certificates of appreciation for their volunteerism to the 150th Medical Reserve Corps.

In recognizing the volunteers, Tina R. McElravey, Medical Reserve Corps Coordinator, stated, "What you do as ham radio operators is tremendously important in making a positive difference in people's lives before, during, and after a disaster. We deeply appreciate your involvement and your willingness to help in a wide variety of need." (Photo By Len Grice)

Amateur Hardware Update

Article and image submitted by James Butler, KB4LJV

Many times we now build up projects using cheap small computer boards. Arduino and Raspberry PI computers allow us to design projects with hardware and software. Buying a board means no case and no protection from shorting out computers. Thankfully Ebay has lots of small computer cases designed just for these computers. Some are 3D printed while others are molded plastic. A new style is made of flat pieces of plexiglass that snap together to make a case. These are slotted out for wire hookups, USB, power supply and inputs and outputs. These cases start at under \$2.00 and do a great job to protect your board. If you get a Raspberry PI or Arduino do not forget the case to protect it. Do a search for “Arduino case” or “Raspberry PI case”.

James Butler
KB4LJV



Amateur Packet Update
Submitted by James Butler, KB4LJV

When running HF, antenna matching is important. SOTABEAMS has a line of light weight antenna baluns for your homemade wire antennas for up to 125 watts of power. You can buy the unit with a 1:1 or a 4:1 balun depending on you matching needs. These are all in the same physical design. There is the balun, a BNC connector for input and two wire posts to make wire connections on the “T” shaped center hanger unit. The unit weighs only 3 ounces. They also sell a line of traps so you can build your own multiband antennas. SOTABEAMS also sells a line of QRP tuners to help you match your radio to your antenna. If you are looking for QRP antenna matching supplies, check out these items from SOTABEAMS. Their web address is <http://www.sotabeams.co.uk/antenna-tuners/>

James Butler
KB4LJV

Swamps Stompers

Submitted by Ed Taggard K7EDT

These are pictures of the ham operators manning the Turnaround on the north end of Shelby Forest during the Swamp Stompers 2018 event.

In the picture with the white pick up truck are pictured (L-R) Ed K7EDT, Roger WR4R and Rick WB9TCB. The other is of the rest stop. I measured temps between 24 and 26 during the event on my Kestral 2000.

I really enjoyed working this event with the group today and look forward to others.

Ed K7EDT



W4BS 146.82 Repeater and tower

Submitted by Bob Vawter KW4RJ

Early in January on a cold and gloomy Monday, our faithful “82” repeater went down! Hard to believe, since this repeater has been nothing but strong and consistent for several years! I called Bill Stevens WC9S to report the outage, but he already knew about it and was planning to go check it out. I asked if I could go with him, since I had never been to the repeater site and he said “sure!” We met at the site, off Brunswick road, near the railroad tracks and about a mile down a “sorta” graveled road. I was surprised to see a large building at the base of the tower with what appeared to be a large emergency generator on site. I was told later that several businesses use the tower and building to host their television and radio equipment. The problem was a broken circuit at the breaker, but turned out that one of the other businesses on the same end of the building where W4BS is located was the culprit. We tried resetting the breaker, but it would only immediately trip. It didn’t take too long to spot an extension cord suspiciously snaking its way out of a door next to our repeater. When we traced that cord, the equipment it was plugged into was not operating..hmmmm. We unplugged the extension cord and sure enough upon resetting the breaker this time it stayed on! Since that equipment wasn’t working anyway, we left a note with the extension cord stating that it should not be used, as the equipment or the cord must be faulty and was shutting down the entire end of the building! After a quick check on the repeater, all was well, and W4BS “82” was back on the air! Thank goodness it wasn’t our equipment. Richard Martin K4DXF, Bill Stevens WC9S, Joe Lowenthal WA4OVO, Barry McDonald W5CJ, and myself were present to check on the repeater.



The actual repeater!



Lower part of the tower.



Upper part of the tower in the clouds!

Capitol City HamFest January 26-27, 2018

Submitted by Bob Vawter KW4RJ

Several Memphis area Ham Radio operators traveled to Jackson, MS for a look at Capitol City HamFest being held on January 26 and 27th. I hadn't been to that particular HamFest for two years, and I was anxious to see what kind of deals I could find! I bought some of those "stackable" military surplus antenna poles before and wanted to get more. I traveled with Art Barnett WA4PSS, Dan Lasley NE7JN, and Dennis Foster KJ4BDU. I was disappointed to see that the HamFest was much smaller than I remembered; once occupying two large rooms at the Trademart, now only using part of one room. I saw several familiar vendors, including Icom, MFJ, Ham Radio World, Palmetto Antennas and many flea market vendors. Our group sold a few items on a table provided by MARA. It was also nice to be able to sit and rest after perusing table after table.



Joe WA4OVO, Len W4MKS and Dennis KJ4BDU



Bill WC9S, Richard K4DXF, Rick WA4NVM, and Dennis KJ4BDU



Dennis KJ4BDU attending the sale table.



Ann WB4FAA Are you having fun, Ann?



ARRL President **Rick Roderick K5UR** entertaining questions during the Jackson Capital City Hamfest ARRL seminar session
Photo by Joe Lowenthal WA4OVO

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 <i>Steve Evans, KM4VYA</i> 901-237-6905
Treasurer Linda Laseter, KJ4CTX 901-268-1766	Director of Training Joe Lowenthal, WA4OVO 901-628-4318	Director of Publications <i>Bob Vawter, KW4RJ</i> 901-438-4563
Director of Programs Kevin Zent, K4KLZ 901-207-0024	Director of Meetings & Special Events Scott Adams, KM4PMU 901-573-6280	Repeater Trustee Barry McDonald 901-853-0510
Public Information Officer Len Grice, W4MKS 901-522-6711	Immediate Past President Ken Laseter, KI4AOH 901-487-9103	
Board members beginning their positions in 2017 are listed in <i>italics</i> .		

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 Sep. 8	March of Dimes March for Babies 2018 Bike MS: FedEx Rock-N-Roll	Linda Laseter, KJ4CTX Darrell Sheffield, KK4D
Oct. 6	Bluff City Blues 100 Ride	tbd
Dec. 1	St. Jude Marathon	Roger Schlichter, WR4R

Area HamFests

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

Tennessee Ham Radio License Plate

Submitted by Joe Lowenthal, WA4OVO

The link below is for information and instructions about Tennessee ham radio call sign Emergency/Safety automobile license plates:

<http://www.tn.gov/revenue/article/emergency-safety>

The application can be found at this link:

<http://www.tn.gov/assets/entities/revenue/attachments/f1312601Fill-in.pdf>

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

If you want to become an ARES member, complete an ARES Registration Form FD-98 on the TNARES.com website. The 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/article/emergency-safety> 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 Barefooted Bullfrog Net		146.535	[simplex]	7:30p
	Daily			
Secret Service Net	224.780	[no tone]	8:30p	Mon
Elmer Net	145.210	- (107.2)	9:00p	Mon
The Short Winded Net	146.850	- (107.2)	8:30p	Tue
MedMERS Net	146.820	- (107.2)	12:00p	Wed
CERTPlus Net	443.200	+ (107.2)	8:30p	Wed
ARES Training Net	146.880	- (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)

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HF	Window Mount	BNC	450 & 300 Ohm
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Rosalinda
WN2V

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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)



Ben Richhart
Sales and Service Director

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

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