

# SPARKS

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



Welcome to the  
Delta Amateur Radio Club

Visit our home on the web at [www.W4BS.org](http://www.W4BS.org)

Contact via [Email](#)

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

## W4BS

### REPEATER SYSTEM

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

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

**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.

**For this month's program** we welcome **David Campbell**:

I decided to take an idea to a completed project and the thought process I took to get there. Maybe to inspire other folks if they have an idea (with help from other folks, as I did) to complete the project. To take the THF-6A (with the help of another radio, one tx, one rcv. and make a repeater for emergency set up (as if no repeater was around, boon docks or otherwise). I saw something in the owners manual and wondered and researched it to find out what it was for, then drew out a circuit and went from there. I gave this talk a couple years ago for accessories for the THF-6A. I have a HF tuner for the THF-6A also.

Most all my electronics training is self-taught. I did have a 8 day electrical course with GM training. All my radio knowledge is self taught with a lot of help with books and magazines and nice folks the helped me along. I didn't even take shop electronics in high school. Also held the program guy for DELTA for a few years. My only real award from ARRL is Satellite VUCC (century award) worked 100 grids.

**KD4NOQ, David**

## **President's Corner**

Submitted by Steve Frazier, KK4VPT

Happy New Year !! Here we are again at that time of the year for reflecting back on the past and planning for the future. Looking back over my last 4 years as a member of the Delta Amateur Radio Club, helps me look forward to this year as president of DARC. The help, support and encouragement I have received from the first day in Tech class to the miracle of passing the Extra exam have been appreciated and I look forward to the opportunity during this year to pay it forward.

We had our first board meeting this year and you should really be excited about the contribution I know this year's board will make to the ongoing success and future of DARC.

As we have for several years in the past, our first of many activities that we do during the year will be our support for communications for the Swamp Stompers 25k/50k on Sunday Jan 14. We will have signup still available at the Jan 9th club meeting and I hope you will signup to join us. I can promise it will be a very "COOL" experience. If you cannot join us in person, feel free to listen in on the 146.82 repeater.

73

Steve Frazier  
KK4VPT

**Treasurer's Report**  
Submitted by Linda Laseter, KJ4CTX

**DELTA AMATEUR RADIO CLUB**  
**Monthly Treasurer's Report**  
**For month ended December 31, 2017**  
Submitted by Linda Laseter Treasurer

**CHECKING ACCOUNT**

BEGINNING BALANCE		
<b>BEGINNING BALANCE</b>	as of December 1, 2017	<b>\$3,238.94</b>

INCOME		
Date		Amount
12/19/17	Membership 2018	\$ 255.00
<b>TOTAL INCOME</b>		<u>\$ 255.00</u> <b>\$ 255.00</b>

EXPENSES				
Date	Check #	To	Description	Amount
12/06/17	1438	SERA	Membership	\$ (35.00)
12/12/17	1439	Ken Laseter	Certificates & Folders	\$ (242.02)
12/12/17	1440	Scott Adams	Hams	\$ (52.01)
12/18/17	1441	Ellendale Church	Donation	\$ (300.00)
<b>TOTAL EXPENSES</b>				<u>\$ (629.03)</u> <b>\$ (629.03)</b>

**ENDING BALANCE** as of December 31, 2017 **\$ 2,864.91**

CERTIFICATES OF DEPOSIT			
	Maturity Date	Balance as of	
Certificate of Deposit #1	10/10/2018	10/13/2017	\$ 10,534.98
Certificate of Deposit #2	10/19/2022	12/19/2017	\$ 10,160.25

**TOTAL DARC CASH ASSETS** **\$ 23,560.14**

**This Month's Board Meeting Minutes**  
January 2, 2018, submitted by Steve Evans, KM4VYA

Attendees: Steve Frazier, KK4VPT, Scott Adams, KM4PMU, Bob Vawter, KW4RJ, , Linda Laseter, KJ4CTX, Steve Evans KM4VYA, Bob Van Keuren KM4SEB and Joe Lowenthal, WA4OVO. Absent: Kevin Zent, K4KLZ and Len Grice W4MKS.

Steve Frazier, KK4VPT called the meeting to order at 7:00 pm.

Linda Laseter, KJ4CTX presented the club's proposed 2018 budget, followed by a line-by-line discussion. After Linda made several minor adjustments. Board will review proposed budget and bring forth any additional questions at next board meeting when it will be voted on by the board, and if passed, finalized for publication in the next Sparks.

Joe Lowenthal WA4OVO will be teaching the Extra class beginning Jan 13th-Feb 24th, excluding Jan 27th due to the Jackson, MS, HAM Fest. A Tech class will be held February 24th-April 7th, excluding Mar 17th.

Bob Vawter KW4RJ told the group that the revised web site, [W4BS.org](http://W4BS.org), is operational. It was requested that that the address be standardized throughout our documents to [www.w4bs.org](http://www.w4bs.org) to accommodate the majority of the people using the website. Ways to "scrub" our membership list were also discussed.

The January, 2018, HQ 101 topic will be on WinLink.

A motion to adjourn was made and seconded at 8:50 pm.

=====

Warmest Regards,  
Steve Evans  
KM4VYA

<p style="text-align: center;"><b>Minutes of Last Month's Club Meeting</b> December 12, 2017 – Submitted by Barri Munday, WB4SWP</p>
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### **Minutes for 12/12/17 General Meeting**

Club President Ken Laseter, KI4AOH, 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.

### **Treasure's Report**

Bill Stevens WC9S moved to approve the Treasurer's report as recorded in Sparks, Jeff Krause AJ4GY seconded; the report was approved by acclamation.

### **Secretary's Report**

Len Grice W4MKS, moved to approve the previous meeting minutes as recorded in Sparks, Ned Savage seconded; the minutes were approved by acclamation.

### **Training**

Joe Lowenthal, WA4OVO, mentioned a tentative Extra class beginning January 13 and running for 6 Saturdays. If not enough signed up, he will be holding another Technician Class; Location: EMHC Ambulance on Appling Way.

### **Testing**

Joe Lowenthal WA4OVO Reported out on the recent Technician Class Results

-- 5 tested, out of those tested we have 4 new Technician Class Licensee(s)

-- 1 new Extra class Licensee(s)

### **Announcements**

- David Campbell KD4NOQ told the club that he had posted some videos of club presentations on the Facebook page.

- A Proclamation of Appreciation was circulated for the wonderful support of the Ellendale Church of Christ to be signed by all members present. A monetary donation of - \$300.00 was (an increase from \$200.00) was unanimously approved by members in attendance.

- Thank you to everyone who brought food or provided support for our annual Christmas Party.

## Events

A call for volunteers was made for the upcoming Swamp Stompers event on January 5, 2018

## Awards

- New HAM of the Year was awarded to John Reiners, KN4BVH
- HAM of the Year was awarded to Linda Laseter, KJ4CTX
- Elmer of the Year (New Award 2017) was awarded to Jim Cissell KI4I

The following **Net Control Operators** received **awards** for service:

Danny Banks KJ4FXZ, Art Barnett WA4PSS, Phil Fentress AK4UE, Bob Vawter KW4RJ, Keith Barton KT4EP, Ed Itkin KK4VPU, Carl Payne K4GPZ, Tom Butas KM4AEM, David Campbell KD4NOQ, Scott Fletcher KM4VAD, Perry Hayes N4PSH, David Jackson KM4SEC, Michael Knight KK4IOH, Barry McDonald W5CJ, Barri Munday WB4SWP, John Reiners KN4BVH, Kevin Zent K4KLZ

The following persons received service awards for serving as Net Controllers and calling the newly established YL Net: Linda Laseter KJ4CTX, Barri Munday WB4SWP, Stacy L Krause KJ4MDA, and Janice Shaner KX4BB

The following persons received service awards for coordinating luncheons for the newly established YL Net: Elizabeth Freeman KD4KOM, Gale Tisdale KI4VDI, and Janice Shaner KX4BB

The following persons received service awards for continuing support for the newly established YL Net: Perry Hayes N4PSH and David Jackson KM4SEC

The following persons received service awards for serving as Elmers for the newly established YL Net: Clarence Ables KU4K, Jim Cissell KI4I, Pat Lane W4OQG, Thomas Dichiara AC5MR, Joe Lowenthal WA4OVO, David Webb KV4QI, Joseph Wray WD4GXI, Patrick McConville WB9TCB

Kate Sides KJ4KUL, received an award for presenting to the YL net.

The following persons received service awards for the HAM 101 Program: HAM Hilliard W4GMM, Jim Cissell KI4I, and Dan Lasley NE7JN

These personnel received awards for their service as Training Instructors

Joe Lowenthal WA4OVO; Paul Roberts KA9VAU, Dean Honadle N2LAZ, Ed Arndt KV4LF, Pat Lane W4OQG, Keith Barton KT4EP, Len Grice W4MKS, Barry McDonald W5CJ, Perry Hayes N4PSH, David Webb KV4QI, Rick Tillman WA4NVM, Richard Martin K4DXF, Rick Pellicciotti KJ4NWQ, John Reiners KN4BVH

## **HAM 101**

Ham Hilliard, W4GMM asked for members to be thinking about what future topics should be covered, requesting that people get him some ideas.

## **Drawings**

Numerous prizes were won in tonight's ticket drawings:

Thomas Shouse W4BNT, Angle Grinder, Joe Sanders KM4JXS, Solar Charger, Richard Martin K4DXF, Roll up 2-Meter Antenna, Robert Walter KN4GJG, Rubber Ducky Antenna, Dennis Foster KJ4BDU, Rubber Ducky Antenna, Betsy Freeman KD4KOM, Speaker, Doris Banks KJ4THA, Dual Band Magmount Antenna, Marlin Mogy KM4DPP, Baofeng HT, Joe Lowenthal WA4OVO, Baofeng HT, Bill Saeffer KN4HYF, Jetstream Mobile.

## **Grand Prize**

Linda Laseter KJ4CTX, 32" Flat screen TV (Wonder if Ken has got to watch it yet).

Congrats to all!!!

The meeting adjourned at 8:50pm.

Pictures from the Christmas dinner:







**Awards at the December 2017 Delta Club meeting:**

**New HAM of the Year** was awarded to **John Reiners KN4BVH** (no picture available)



**HAM of the Year** was awarded to **Linda Laseter, KJ4CTX**



**Elmer of the Year (New Award 2017)** was awarded to **Jim Cissell KI4I**



The following persons received service awards from **Linda Laseter KJ4CTX**, Net Manager for serving as **Net Controllers** and **calling the newly established YL Net**: Janice Shaner KX4BB, Stacy L Krause KJ4MDA, Barri Munday WB4SWP



The following persons received service awards for the **HAM 101 Program**: HAM Hilliard W4GMM, (not present), Jim Cissell KI4I and Dan Lasley NE7JN





The following persons received service awards for **coordinating luncheons** for the newly established **YL Net**: Janice Shaner KX4BB, Gale Tisdale KI4VDI, Betsy Freeman KD4KOM,



The following persons received service awards for serving as **Elmers** for the newly established **YL Net**: Joe Lowenthal WA4OVO, Pat Lane W4OQG, Jim Cissell KI4I, Ervin Ables KU4K, Dan Lasley NE7JN Thomas Dichiara AC5MR, , David Webb KV4QI, Joe Wray WD4GXI, Patrick McConville WB9TCB



Outgoing Delta Club board members (from left to right) **Secretary Barri Munday WB4SWP** and **Director of Publications Dan Lasley NE7JN** with certificate presentation by **Ken Laseter KI4AOH**



**Director of Training Joe Lowenthal WA4OVO**, receives certificate from **Ken Laseter KI4AOH**



These personnel received awards for their service as **Training Instructors**

Joe Lowenthal WA4OVO; Paul Roberts KA9VAU, Dean Honadle N2LAZ, Ed Arndt KV4LF, Pat Lane W4OQG, Keith Barton KT4EP, Len Grice W4MKS, Barry McDonald W5CJ, Perry Hayes N4PSH, David Webb KV4QI, Rick Tillman WA4NVM, Richard Martin K4DXF, Rick Pellicciotti KJ4NWQ, John Reiners KN4BVH



The following **Net Control Operators** received awards for service:

Danny Banks KJ4FXZ, Art Barnett WA4PSS, Phil Fentress AK4UE, Bob Vawter KW4RJ, Keith Barton KT4EP, Ed Itkin KK4VPU, Carl Payne K4GPZ, Tom Butas KM4AEM, David Campbell KD4NOQ, Scott Fletcher KM4VAD, Perry Hayes N4PSH, David Jackson KM4SEC, Michael Knight KK4IOH, Barry McDonald W5CJ, Barri Munday WB4SWP, John Reiners KN4BVH, Kevin Zent K4KLZ

## Amateur Hardware Update

Article and image submitted by James Butler, KB4LJV

Many times we need a small amplifier board for our projects. EBay now has a nice amplifier board. The amplifier uses the TDA2822M chip. The board runs on 1.8 to 12 VDC. It has a terminal strip for output audio and a 3.5 MM headphone jack for the input. It will drive 4 to 32 Ohm speakers at up to 5 watts. A good thing is the amplifier board is fully assembled. The unit also has a volume control mounted on the board and they also give you the knob. The best thing is the price of under \$2.00 with free shipping. If you need an amplifier board go to Ebay and do a search for “TDA2228M”.

James Butler  
KB4LJV



## **Amateur Packet Update**

Submitted by James Butler, KB4LJV

Amateur radio continues to come out with new digital modes. Some of the newest are JT9 and JT65. These modes are for quick structured messages sent and received by computer on HF. The mode only sends 13 characters in a 50 second period. This mode allows worldwide communications on 1 to 5 watts of power. The ARRL now has a book to get you up and running on these modes. The book has sections on JT protocol, setting up your station and getting on the air. It also has a section on tricks and tips. You can get this book on the ARRL website for about \$18.00. Their website is <http://www.arrl.org/shop/What-s-New/?page=2>

James Butler  
KB4LJV

## 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 2017 from Delta Classes

22 Technician

7 General

7 Extra

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, email address and cell phone number in the text.

The new [Technician question pool](#) is effective July 1, 2014, through June 30, 2018. You will need the [ARRL Ham Radio License Manual 3rd Edition](#) to study for the Technician exam.

The new [General question pool](#) is effective July 1, 2015, through June 30, 2019. You will need the [ARRL General Class License Manual 8th Edition](#) to study for the General exam.

The new [Extra question pool](#) is effective July 1, 2016, through June 30, 2020. You will need the [ARRL Extra Class License Manual 11th Edition](#) to study for the Extra exam.

### PLANNED CLASSES

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

Extra Class 1-18 will be held on 6 Saturdays from January 13<sup>th</sup> to February 24<sup>th</sup> from 9am to 1pm at EMHC ambulance company training room, 6972 Appling Farms Pkwy except for January 27<sup>th</sup>. If you are interested, send an email with subject line: Extra Class with your name, call sign, email address and cellphone number to Joe at [wa4ovo@gmail.com](mailto:wa4ovo@gmail.com).

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

Tech Class 2-18 is being planned from February 24<sup>th</sup> to April 7<sup>th</sup> except March 17<sup>th</sup> on six Saturdays from 9am to 1pm 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](mailto:wa4ovo@gmail.com).



## **General Class 4-17 November 6 – December 11, 2017**

General Class 4-17 was held on six Monday nights from 6:15-9:30pm at EMHC Ambulance Company training room, 6972 Appling Farms Pkwy. There were seven students who started; two came into the class late and six finished. Congratulations to Jennifer Arndt KF4DZF, Robert Horn KN4FVT, and Janet Wehner KN4FBI who earned their General licenses.

Congratulations to Bill Shaeffer KN4HYF who earned his Tech and General licenses early at the Delta Club meeting on November 14<sup>th</sup>. Then on December 11<sup>th</sup> with the class testing, he earned his Extra Class license.

Congratulations to Rick Armstrong KN4IKP and Matt Parker KN4IKQ for earning their Technician licenses and Larry DeJournett K4RBN for upgrading to General as walk-ins to the test session.

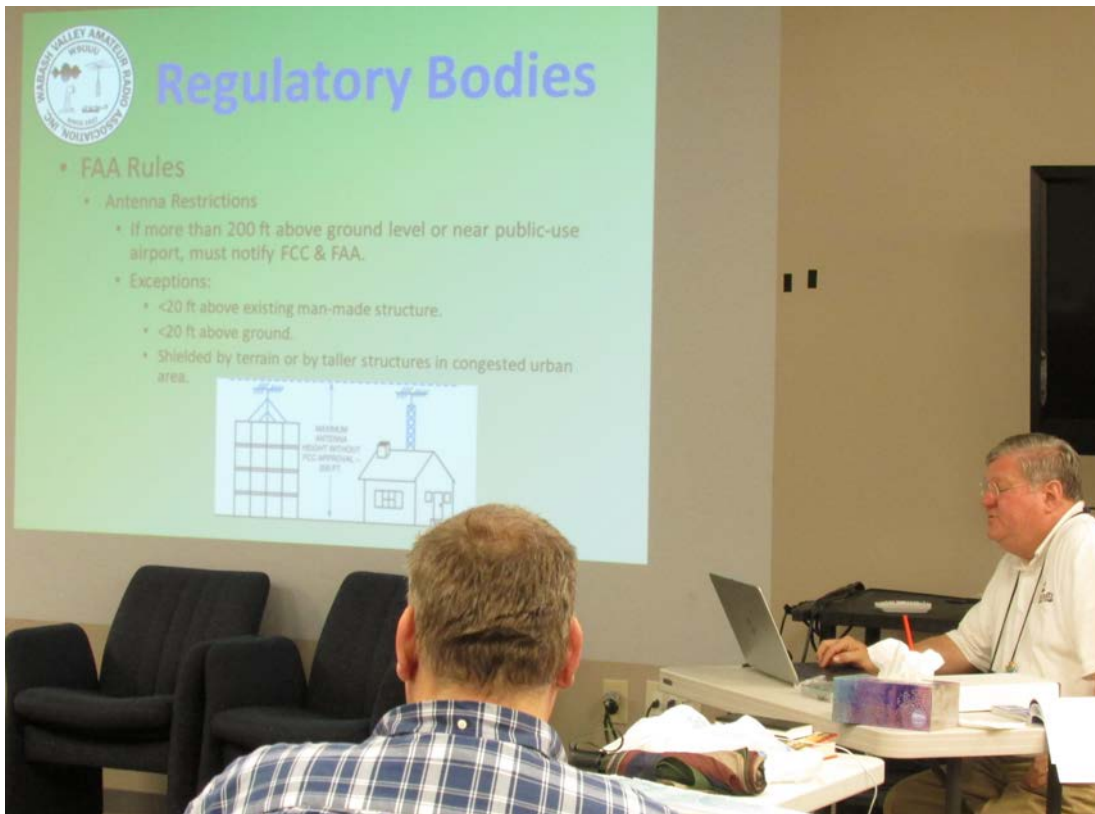
The Delta Club ARRL VE team provided the FCC testing. Thanks to Jeff AJ4GY, Stacy KJ4MDA, Len W4MKS, Barry W5CJ, Bill WC9S, Tom KK4ZZZ, Warren KC7ND and Joe WA4OVO for being the VEs.

The instructors were Joe Lowenthal WA4OVO, Keith Barton KT4EP, Len Grice W4MKS, Barry McDonald W5CJ and Pat Lane W4OQG.



General Class 4-17 (left to right) Robert KN4FVT, visitor Jim K4XO, Jennifer KF4DZF, Jack KN4FDK, Edward KM4VXX, visitor Dan KN4FBJ, Janet KN4FBI, and instructor Keith KT4EP. Absent Tony KN4FBK and Bill KN4HYF  
Photo by Joe Lowenthal WA4OVO





Len Grice W4MKS informing on Rules and Regulations  
 Photo by Keith Barton KT4EP



Joe WA4OVO on Series and Parallel Circuits

Photo by Len Grice W4MKS



Barry W5CJ giving insight on passive and active components  
Photo by Joe Lowenthal WA4OVO



Pat W4OQG showing off the spectrum analyzer during the antenna shootout with (standing left to right) Janet KN4FBI, Bill KN4HYF, and Jack KN4FDK  
Photo by Len Grice W4MKS



Start of VE testing at end of General Class 4-17 on December 11, 2017  
Photo by Len Grice W4MKS



VE testing at end of General Class 4-17 Photo by Joe Lowenthal WA4OVO



### ***Tech Class 3-17 – July 10 – August 14, 2017***

Tech Class 3-17 began on Monday night July 10<sup>th</sup> for six Mondays until August 14<sup>th</sup> from 6:15pm-9:30pm at EMHC ambulance company training room, 6972 Appling Farms Parkway. There were 18 students who starts with 13 finishing the class including two young men and three women. The FCC exam was offered on August 7<sup>th</sup> with a review session prior to the test.

Congratulations to Dennis Curry KN4FBP, Tony Curtis KN4FBK, Tom Emens KN4FBO, Jack Griffith KN4FDK, Mary Jean Hall KN4FBL, Mike KN4FBG, Gabe Helbig KN4F, Deborah McDonald KN4FBM, Craig Treanor KN4FBH, Dan Wehner KN4FBJ, and Janet Wehner KN4FBI on earning their Technician licenses. One other student who could not attend for the test session will take his exam at the Delta Club meeting.

Thanks to the WCARS VE Team led by Gary Weatherford W5EMA for the FCC test session. The other VEs were Len Grice W4MKS, Perry Hayes N4PSH, Rosalinda Melena WN2V, John Reiners KN4BVH, Steve Smith W5VAA, and Bob Vawter KW4RJ.

The instructors were Pat Lane W4OQG, John Reiners KN4BVH, Keith Barton KT4EP, Len Grice W4MKS, Perry Hayes N4PSH, and Joe Lowenthal WA4OVO.

There were equipment demonstrations on the last night of class. Joe WA4OVO presented the basics for operation on repeaters. Pat Lane W4OQG showed HF SSB operation with WinLink and the installation of a long wire antenna. Rick Tillman WA4NVM and Richard Martin K4DXF worked the XW-2A SSB satellite. Rick Pellicciotti KJ4NWQ explained APRS operations.

## ***Tech Class 2-17 – February 25 – April 15, 2017***

Tech Class 2-17 was held on six Saturdays from 9am to 1pm at EMHC ambulance company training room, 6872 Appling Farms Parkway, from February 25<sup>th</sup> to April 15<sup>th</sup> except for March 25<sup>th</sup> and April 8<sup>th</sup>. There were 11 students in the beginning with six finishing the class that included two YLs.

The WCARS FCC VE team led by Gary Weatherford W5EMA provided the test opportunity on April 1<sup>st</sup>. Congratulations to John Reiners KN4BVH who tested early at the Delta Club meeting test session on March 14<sup>th</sup> earning both Tech and General. Then he earned his Extra Class license at class testing. Congratulations to Rob Stalcup KN4CHR for getting his Tech and General. Congratulations to Teresa White KN4CHS, Olivia Ritter KN4CHT, and Jacob Haynes KN4CHW for earning their Technician licenses. Congratulations to Joey Craig KN4SUW for earning his Technician license at the Chickasaw Amateur Radio Club Laurel VEC test session on April 22<sup>nd</sup>.

The instructors were Joe Lowenthal WA4OVO, Perry Hayes N4PSH, Len Grice W4MKS, Pat Lane W4OQG, and David Webb KV4QI with assistance by Tom Dichiara AC5MR.

On April 15<sup>th</sup> the equipment demonstrators were Joe Lowenthal WA4OVO on repeater basics, Rick Tillman WA4NVM on satellite, Pat Lane W4OQG on WinLink with long wire antenna and Rick Pellicciotti KJ4NWQ on APRS.

## **Extra Class 1-17 – January 7 – February 18, 2017**

Extra Class 1-17 was held on six Saturdays from 9am to 1pm at EMHC ambulance company training room, 6872 Appling Farms Parkway from January 7<sup>th</sup> to February 18<sup>th</sup>. There was no class on January 28<sup>th</sup>. There were seven students in the class.

Congratulations to the new Extra Class hams: Morris Butcher KM5SWO, Steve Frazier KK4VPT, Wyman Griffin KX4BA (was KK4CBH), Janice Shaner KX4BB (was KM4HZY), and Curt Warhurst KX4BH (was KM4MRT). Congratulations also to John Vanderpool KN4BFS on earning his Technician license during the test session.

The instructors were Joe Lowenthal WA4OVO, Dean Honadle N2LAZ, Ed Arndt KV4LF, Paul Roberts KA9VAU, and Pat Lane W4OQG. The Delta Club ARRL VE team led by Jeff Krause AJ4GY, Ed Arndt KV4LF, Keith Barton KT4EP, Perry Hayes N4PSH, Ken Laseter KI4AOH, Joe Lowenthal WA4OVO, and Tom Ungren KK4ZZZ provided the testing opportunity.

## **YL News**

Submitted by Linda Laseter, KJ4CTX

## **YL News January 2018**

### **YL NET – Happy New Year!**

We hope this year will be a wonderful year for one and all! We would like to thank each person who has checked in and supported the YL Net this past year. We truly appreciate each one of you and hope you will continue to check-in.

Please join us each Saturday night at 8:45 p.m. on the 146.820 repeater for the YL Net. We enjoy hearing from you.

We would like to welcome Gabby, KN4IID to the YL Net. We enjoyed hearing from you and hope you will continue to check-in.

**YL LUNCHEON – We** did not have a luncheon in December due to all the parties, breakfasts, and other festivities that include food.

We hope everyone had a Joyous Holiday Season and we wish you health and prosperity in the New Year!

Please join us for our January luncheon as follows:

**11:30 A.M.**

**January 13, 2018**

**Macaroni Grill**

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

**Memphis, TN 38133**

**901 266-4565**

We plan to have our February program luncheon at the Ellendale Church. We have a tentative date of February 10, 2018. More information will be sent via email once the availability of the church is confirmed and our program is set.

## 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**

[Steve Evans, KM4VYA](#)  
901-237-6905

**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**

[Kevin Zent, K4KLZ](#)  
901-207-0024

**Director of Meetings & Special Events**

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

**Repeater Trustee**

[Bill Stevens, WC9S](#)  
901-603-3448

**Public Information Officer**

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

**Immediate Past President**

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

Board members beginning their positions in 2018 are listed in *italics*.



## **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 1<sup>st</sup>, 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 at <http://www.arri.org/files/file/Public%20Service/fsd98.pdf>. Send completed form to Shelby County ARES c/o Joe Lowenthal, 6675 Ashbridge Cove, Memphis, TN 38120 or email to [wa4ovo@gmail.com](mailto:wa4ovo@gmail.com).

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.

## Other Notes of Possible Interest

Submitted by David Webb, KV4QI

It's Time to Renew Your 2018 Annual Memberships! Download the latest Delta Club [Membership Application Form](#). The 2018d 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!

## Memphis Area VHF/UHF Nets

Updated September, 2016

Name of Net	Freq. MHz	Offset/Tone	Local Time	Day of Week
<b>Delta Club Information Net</b>	<b>146.820</b>	<b>-(107.2)</b>	<b>8:00p</b>	<b>Daily</b>
<b>YL Net</b>	<b>146.820</b>	<b>-(107.2)</b>	<b>8:45p</b>	<b>Sat</b>
Mid-South 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 December, 2015  
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 (Center for United States Earthquake Consortium)	3.810		As needed
CUSEC (Center for United States Earthquake Consortium)	7.180		As needed

### 3980 kHz – TN 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

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**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*.

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<p><b>DELTA AMATEUR RADIO CLUB</b> P.O. Box 342768 Memphis, TN 38134-2768</p>  <p><b>DARC Meeting:</b> Second Tuesday of every month at Ellendale Church of Christ 7365 Hwy 70, Bartlett TN</p> <p>W4BS REPEATER SYSTEM 146.82- 147.36+ (107.2Hz tone) 224.42- 443.20+ (107.2Hz tone)</p>	 <p><b>Ben Richhart</b> Sales and Service Director</p> <p><b>Chick-fil-A at Paragon Place</b> 6282 Poplar Avenue Memphis, TN 38119 Phone: 901-766-1875 Fax: 901-766-1878 E-mail: ben@cfaparagonplace.com</p>
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