Welcome to the
Delta Amateur Radio Club
Website: deltaclub.org
Contact via Email
Facebook: https://www.facebook.com/darcmem

This month's meeting begins at 7pm on May 8, 2018, at Ellendale Church of Christ, 7365 Highway 70 Memphis, TN (1 ½ miles north of Highway 64 (Stage Road)).

Our program will be presented by Eric Welch on Ham Radio and Unmanned Aerial Systems (See biography later in the newsletter).

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 April 2018 test session:

JJ Vander Aa KN4IUZ passed Extra, Brian Harris KN4KTY passed General, Nicholas J Drane passed Tech.

2018 Armed Forces Day Crossband test on May 12! (See details later in the newsletter).
In spite of a rainy day, FreeFest was another success this year. It was good to see everyone there and I did find a few things that I felt needed a good home. Thank you to everyone who helped with the setup and take down. I hope everyone enjoyed the good food that was available thanks to all who helped in the kitchen and on the grill out in the rain.

I was glad to a large number of Delta Club members wearing their Delta Club shirts. That reminded me that we ordered the shirts for Field Day last year. I mentioned this to Len Grice W4MKS and he is saying we should be able to place another order for shirts this month and have them back for Field Day. Stay tuned for more details.

We still have an opening on the board for Director of Programs. If you are interested in helping with this important role, please contact me or another member of the board.

Speaking from experience, now that the weather is getting nice and you may be doing yard work around coax cables under leaves and mixed in with weeds and saplings that you may be cutting - be careful. And Ham, if you are needing ideas for Ham 101; I know of at least one member interested in a class on how to replace PL259 connectors.

73
Steve
KK4VPT
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 April 30, 2018
Submitted by Linda Laseter Treasurer

CHECKING ACCOUNT
BEGINNING BALANCE as of April 1, 2018 $4,237.13

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ENDING BALANCE as of April 30, 2018 $4,722.13

CERTIFICATES OF DEPOSIT

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TOTAL DARC CASH ASSETS $25,522.60
DARC Board of Directors Meeting Minutes
May 1, 2018, submitted by Mary Jean Hall, KN4FBL

Attendees: Steve Frazier, KK4VPT, Bob Van Keuren, KM4SEB, Mary Jean Hall, KN4FBL, Linda Laseter, KJ4CTX, Joe Lowenthal, WA4OVO, Bob Vawter, KW4RJ, Scott Adams, KM4PMU, and Barry McDonald, W5CJ. Guests present: Gale Tisdale, KI4VDI, and Betsy Freeman, KD4KDM. Absent: Len Grice, W4MKS

Steve Frazier called the meeting to order at 6:30 p.m.

Linda L. read the Treasurer’s Report. She noted that there were no expenses for last month, only income from dues and Huntsville trip fees.

Linda L. informed the board that March for Dimes was this Saturday, May 5, at Shelby Farms. She said that the event would be held rain or shine and that enough hams had volunteered to help.

Steve F. informed the board of the progress made selling consignment items at FreeFest.

YL Logo: Following up to a board member’s concerns about the similarities between the YL logo and the DARC logo, as well as actions by a member, the board pursued discussion regarding both. During the discussion, Linda L. informed the board that a member had been publicly expressing disdain about the YL logo in comparison to the DARC logo. After some discussion, the board decided that the main issue was whether or not the DARC Board of Directors supported the YLs’ and use of their logo.

Bob Vawter moved to accept the YL logo, and a second was made by Bob Van Keuren.

After additional discussion, the motion to accept the YL logo passed with a vote of seven in favor and one against.

It was also noted that the board needs to review having the Delta Club logo registered and or trademarked.

Bob V.K. updated the board on the status of Field Day and the stations for Field Day.

Barry M. announced that he had both spare repeaters in his possession, and he discussed the possibility of setting a repeater up with AllStar.

Joe L. informed the board that he negotiated the cost of the charter bus for Huntsville down to $1,751. The bus will depart from Germantown. He also discussed the change in tiered pricing: those waiting to sign up in June would pay $65 instead of $60. In hopes of encouraging potential new hams to attend, anyone taking the Technician Class over the summer could sign up for just $60.

Steve F. informed the board that a t-shirt order would be organized soon, and the club could try to get the new shirts in by Field Day.

The motion to adjourn was made and seconded at 7:55 p.m. The next Board of Directors meeting is scheduled for Tuesday, June 5 at 6:30 p.m.
Call to Order and Opening Remarks
Club President Steve Frazier, KK4VPT, called the meeting to order at 7:00 p.m. at the Ellendale Church of Christ. Everyone then introduced themselves by name and call sign.

Secretary’s Report
Ham Hilliard, W4GMM, moved to approve the previous meeting’s minutes as published in Sparks. Ned Savage, KA4BLL, seconded the motion. The minutes were unanimously approved by the club.

Treasurer’s Report
Ham Hilliard, W4GMM, moved to approve the Treasurer’s Report as recorded in Sparks. Dan Wehner, KN4FBJ, seconded the motion. The Treasurer’s Report was unanimously approved by the club.

Announcements
DARC will be assisting with March for Babies on May 5 at Shelby Farms and volunteers are needed. Linda Laseter, KJ4CTX, said to sign up or let her know if anyone is interested in volunteering.

Training
Joe Lowenthal, WA4OVO, informed the club that tonight’s VE testing produced three new class licensee(s), with one in each class: technician, general and extra. All five individuals in the Technician Class passed the Technician Exam, and two went on to pass the General Exam.

Huntsville Bus Trip
The Huntsville Free Fest is August 18, 2018. The chartered bus will leave from Germantown Baptist Church at 6:30 a.m. and should arrive in Huntsville by 9:30-9:45 a.m. the bus should arrive back in Germantown by 7:30 p.m. The price of the bus trip depends on the time of signup, and includes the $10 admission fee, 2 breakfast biscuits, the bus ride, and drinks and snacks for the bus trip:
April and May - $60
June - $65
July - $70
August - $75

Memphis Free Fest
Dennis Foster, KJ4BDU, announced that the Memphis Free Fest is April 14, 2018, 9 a.m. - 3p.m., at the Bartlett Municipal Building (behind the Bartlett Library). All proceeds will be donated to the LeBonheur Children’s Hospital. He encouraged any available volunteers to come help vendors unload on Friday, April 13 from 5 p.m. – 7 p.m.

Dennis listed quite a few vendors that are expected to be at the event. Those include MFJ, AMR, Ham World and many more!
Announcements
Pat Lane, W4OQG, announced that Armed Forces Day is scheduled for May 12, 2018. The call sign is WUG2 and will operate from Millington, TN. Everyone is invited!

David Campbell, kd4noq, reminded the club that he is uploading program videos to the DARC Facebook page.

Len Grice, W4MKS, informed the club that everyone who had paid their membership fees up through last month should have their membership card by now. He also encouraged everyone to proofread their card. If you do not have your membership card yet, be sure to let him know.

Presentation
Glen Popiel, KW5GP, author of ARRL’s Arduino for Ham Radio, spoke to the club about the vast uses for Arduino in Amateur Radio.

Drawings and Closing Remarks
Several members won prizes:
Robert Horn, AI4DQ, 3 passes to Chick-fil-A; Ned Savage, KA4BLL, 3 passes to Range USA

The meeting adjourned at 8:35 p.m.
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

This month we will discuss Field Day do's and don'ts's, what to bring if you are just going to operate and what to bring if you are going to operate a station, generator safety, and antenna erection safety and grounding.

Ham Hilliard W4GMM
HAM LICENSE TRAINING for 2018
By Joe Lowenthal WA4OVO, Director of Training

There is no charge for classes, but the student is responsible for the purchase of the license manual and the $15 ARRL FCC examination fee.

If you want to take a class, send an email to Joe at wa4ovo@gmail.com with the class name; ie, Tech Class, General Class, or Extra Class, on the Subject line and name, callsign if you have one, email address, and cellphone number in the text.

Licenses Earned in 2017-2018 from Delta Classes
23 Technician
3 General
7 Extra

Note:
As of September 3, 2015 there is no longer any charge for Vanity callsigns.
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.

The next Technician class will start June 28th for six Thursday nights from 6:15-9:30pm with the new question pool effective July 1st. The location is to be determined. If you know anyone interested, send an email to wa4ovo@gmail.com with Subject Line: Tech Class and name, email address and cellphone number in the text.

The next General class will probably start in early November in the evenings.
The next Extra class will probably start in early January 2019 on Saturday mornings.
CLASSES in PROGRESS

None

CLASSES SCHEDULED:
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.

Rick WA4NVM at doorway on Tech Class 2-18 satellite contact to keep out of the downpour. Richard K4DX holding the Elk antenna.  Photo by Joe Lowenthal WA4OVO
Tech Class 2-18 taking their exam: (from left to right) David Robertson, John Volmer, Phillip Green, Jim Hambrick, and Carrie Blackwell
Photo by Joe Lowenthal WA4OVO

The WCARS VE team: (left to right) Gary W5EMA, David KV4QI, Perry N4PSH, Denise KM4IRR, Bob KW4RJ and (not pictured) Joe WA4OVO
Photo by Joe Lowenthal WA4OVO

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.
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 KX4IS (previously 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.

Dean N2LAZ instructing on Electrical Principles for Extra Class 1-18
Photo by Joe Lowenthal WA4OVO
Barry W5CJ providing propagation instruction to Extra Class 1-18
Photo by Joe Lowenthal WA4OVO
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.

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 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 had two new YLs join us on the YL Net this month. We enjoyed hearing from you and we hope you will continue to check in with us each Saturday night. Welcome Gabby KN4IID and Carrie KN4LCU.

Set your alarm for 8:45 p.m. Saturday night and join us on the net. It only takes 10 to 15 minutes of your time and it is great practice using your radio.

**YL LUNCHEON** – April was a busy month for the YLs. Sunday, April 8th we had a lovely baby shower for Jackie KG5KMW. Everyone enjoyed buying all the cute little outfits for her twin girls she is expecting very soon now. We played a few games and it is amazing how well some people can draw on paper atop their heads!

Then April 14th the YLs had a table at Free Fest. We had a beautiful table set up and held a silent auction that consisted of a beautiful spring wreath, a spring swag, a white crocheted baby afghan, a crocheted lap blanket, a purse and several other crafty items to raise money for Le Bonheur. We all had a good time and enjoyed seeing everyone that dropped by our table to participate in the auction or to just talk. Thank you to everyone that made a purchase and to all who worked hard to make our table successful.

Last but not least, we gathered on the 28th for our monthly YL luncheon. We enjoyed a wonderful lunch of jambalaya, salad, and cake. Thank you Suzy KM4FHS for making the delicious jambalaya and thank you to all who worked to make our luncheon a success and to Ervin KU4K for presenting the program on ham grams/passing messages by amateur radio. It must have been Suzy’s day because she also won the door prize; a nice metal welcome sign/planter to hang outside and plant a little something in the cute little wagon attached to the sign.

YLs, this is your chance to make new friends, share ideas, ask questions, and learn something new. Not to mention all the fun and food you are missing. YLs out there and we would love to hear from you.

**MAY’S LUNCHEON WILL BE:**
May 26, 2018
11:30 a.m.
Saturday
Corky’s 1740 N. Germantown Parkway
Memphis, TN 38133
YL activities:

4-8-18 Baby Shower picture from left to right cut off Doris KJ4THA, Ann WB4FAA, Betsy KD4KOM, Jackie KG5DMW, Jackie’s spouse Russ, Janice KX4BB, Barri WB4SWP, not pictured Gale KI4VDI, Kate KJ4KUL and taking the picture Linda KJ4CTX.

4-28-18 Luncheon photo first table left to right Ervin KU4K, Audrey KM4FHU, Suzy KM4FHS, Ken KI4AOH. 2nd table left to right Danny KJ4FXZ, Doris KJ4THA, Gale KI4VDI. Standing in the back Janice KX4BB and Betsy KD4KOM. 3rd table in the back right – left to right Barri WB4SWP, Pat W4OQG, Ann WB4FAA, Jim WI4I. Taking the picture Linda KJ4CTX.

4-28-18 Ervin – Ervin KU4K
More and more amateur radio projects use small microcomputers. One of the most common is the Raspberry Pi. These come as boards with different ram, speeds and features. These have always been about $30 to $50 dollars. The Chinese companies now are making a clone computer with the same features. The I/O is pin for pin compatible with the Raspberry Pi and the prices are a lot cheaper. The Chinese companies have named their computers the “Orange Pi” or the “Banana Pi”. These computers like the Raspberry Pi have USB inputs ports as well as an HDMI video output port. These open source computers run various Linux operating systems just like the Raspberry Pi. If you like the Raspberry Pi check out these small computers. On Ebay do a search for “Orange Pi” or “Banana Pi” to see what they have.

James Butler
KB4LJV
Many times when we build up projects we use a microprocessor. One micro board we can use is the Arduino. These come in different size boards with varying inputs, outputs, and analog ports. The ARRL sells a great starter book for the Arduino called “Arduino for Dummies”. This book will get you started by helping you install programming software on your Arduino computer. It also explains the differences in the boards, and will give you programming examples to try. The book also shows how to hook up hardware to the computer such as LEDs, motors, and servos. The book even has a section on tools needed and how to solder. This is a great book to explore how the Arduino works. Go to the ARRL bookstore for more information. The web address is https://www.arrl.org/shop/Arduino-for-Dummies-Wiley

James Butler
KB4LJV
Ham Radio and Unmanned Aerial Systems

Eric Welch received his B.S., M.S. and Ph.D. degrees from Mississippi State University in Electrical Engineering. He is a professor and Department Chair for Electrical and Computer Engineering at Christian Brothers University. He previously served as Dean of Engineering for CBU from 2005-2014. Dr. Welch was first licensed in 1974 and has held an Advanced Class amateur radio license for over thirty years. He is an active general aviation pilot who holds FAA commercial pilot and flight instructor licenses for single engine aircraft and gliders. Dr. Welch also holds an FAA Part 107 remote pilot license for unmanned aerial systems.
I had to be out of town during FreeFest, but I am hearing that it was well attended in spite of the rain. I am also told that donations for LeBonheur Children’s Hospital was over $4300! Following are pictures from Len Grice and Marshall Robilio:

ARRL

Richard K4DXF

Dennis KJ4BDU and Keith N9DGK

Joe is checking the weather!

ARRL – TN section mgr. Keith N9DGK

Our YL group had it together!

YLs Ann WB4FAA, Doris KJ4THA, Gale KI4VDI, Betsy KD4KOM and Linda KJ4CTXZ
Randy WB4LHD and Danny K4FXZ

Joe WA4OVO and Len W4KMS

Barry W5CJ

Carl K4GPZ

ARRL David Norris K5LIZ

Harrell Davidson WD4LAR & Barry W5CJ

Harrell calls the TN phone net on 3980 Tuesdays

Rick WA4NVM and Russ WD4JHD planning their next move!
Main Prize winners at FreeFest 2018:

Invicta Watch from D. Foster………………………………………… Mike Vaughan KG5FUE
Yaesu FTM-3200 Radio from R &M Tillman……………………..Robert White AL4GI
$200 Cash from Delta Club………………………………………… Fannie Wilkinson WB4ICU
32” Poaroid TV Friends of MARA………………………………….Ned Savage KA4BLL
Yaesu FT-2980 VHF 75 W Radio from Bullfrog…………………..Billy Freeman WL4B
4230 MFJ Switching PS from MFJ………………………………….Dwayne Love N5XUL
MFJ 259C SWR Analyzer from JMR……………………………..Dwayne Love N5XUL
Apple IPad Pro 64 meg from Turner Construction……………...Jean Parish KD4FIP
Kenwood TM-710GA from F & F Construction…………………..Dwayne Love N5XUL
2000Watt Predator Gen. from F & F Construction………………..Rick Tillman WA4NVM
2018 ARMED FORCES DAY CROSSBAND TEST
by Joe Lowenthal WA4OVO

Saturday May 12th will be this year’s 2018 Armed Forces Day Crossband Test. There are 18 military stations participating. The transmit frequencies for the 18 stations can be found at [http://www.usarmymars.org/events/armed-forces-day](http://www.usarmymars.org/events/armed-forces-day) in a PDF document. Two of these stations are in the Memphis area. Pat Lane W4OQG will coordinate the US Army Corps of Engineers station WUG-2 from 8am to 8pm. The location will be at the WKNO transmitter, 7192 Raleigh LaGrange Rd, north of Shelby Farms.

The second military station will be coordinated by Ham Hilliard W4GMM with Air Force MARS call sign AFM4AF. They will operate from 7am-8pm from the north side of Naval Support Activity Mid-South in Millington in Building N-100, adjacent to the golf course. (Directions: From Navy Rd turn north on Singleton Ave; turn right on ATTU; continue past the golf course clubhouse on ATTU Ext; turn right on Neptune Pl; turn right on Corsair Dr to dead end; continue on gravel drive. W4ODR shack is on right.)

Hams are invited to help log and operate. This is a great opportunity for new hams to learn how to operate on HF frequencies to get ready for Field Day. Experienced hams will be there to oversee the new hams operating.

For more information on the operation, contact Pat Lane at 301-9738, or Ham Hilliard at 351-3459.

Pictures from last year’s Armed Forces Day Communications Exercise.
HUNTSVILLE HAMFEST BUS TRIP - AUGUST 18, 2018
Submitted by Joe Lowenthal WA4OVO, Director of Training

DARC is sponsoring a 50-passenger bus trip to go to the Huntsville HamFest on Saturday, August 18, 2018. The fare is $60 if paid by May 31, $65 by June 30th, $70 by July 31st, and $75 in August. The fare includes the $10 HamFest entry ticket. There will be biscuit sandwiches, water, sodas, chips, and fruit on the bus going to Huntsville and whatever is left for the trip back. There are no refunds, but you can sell your seat to someone else if you can not go. Let me know.

Cash or checks will be accepted for payment. Make checks payable to Delta Amateur Radio Club. You can pay at a meeting. You can also send your check to Joe Lowenthal WA4OVO, 6675 Ashbridge Cove, Memphis, TN 38120. Please include your name, callsign, cell phone number, email address and whether you want bacon, ham or plain biscuits.

Reservations will be on a first come first paid basis.

The bus will leave Germantown Baptist Church, 9450 Poplar Avenue at Johnson Road, Germantown, TN at 6:30am. The bus will leave Huntsville immediately after the 4pm door prize drawing and return to Germantown Baptist Church approximately 7:30pm.

Germantown Baptist Church has asked us to park in the back on the northeast side of the church so there will be security cameras on the cars.

The Huntsville HamFest website is www.hamfest.org.
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.
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

Immediate Past President
Ken Laseter, KI4AOH
901-487-9103

Director of Training
Joe Lowenthal, WA4OVO
901-628-4318

Director of Publications
Bob Vawter, KW4RJ
901-438-4563

Director of Programs
Want to volunteer? Call Steve Frazier!

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
### Public Service Events

If you are a coordinator for any of these events, please review the listed information. Please [email](mailto:) corrections or additions.

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<td>March of Dimes March for Babies</td>
<td>Linda Laseter, KJ4CTX</td>
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<td>Sep. 8</td>
<td>2018 Bike MS: FedEx Rock-N-Roll</td>
<td>Darrell Sheffield, KK4D</td>
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### Area HamFests

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<td>January 26-27</td>
<td>Capitol City Hamfest in Jackson, MS</td>
</tr>
<tr>
<td>February 9-11</td>
<td>HamCation 2018 in Orlando, FL</td>
</tr>
<tr>
<td>February 17</td>
<td>LCARC’s 2018 Winterfest in Hoxie, AR</td>
</tr>
<tr>
<td>March 2-3</td>
<td>BirminghamHAMfest 2018 in Birmingham, AL</td>
</tr>
<tr>
<td>March 24</td>
<td>Ides of March HamFest in Union City, TN</td>
</tr>
<tr>
<td>April 14</td>
<td>Memphis FreeFest in Bartlett, TN</td>
</tr>
<tr>
<td>May 18-20</td>
<td>Hamvention in Xenia, OH</td>
</tr>
<tr>
<td>July 28</td>
<td>Greater Nashville &amp; Middle TN HamFest in Lebanon, TN</td>
</tr>
<tr>
<td>August 18-19</td>
<td>Huntsville HamFest in Huntsville, AL</td>
</tr>
</tbody>
</table>
The link below is for information and instructions about Tennessee ham radio call sign Emergency/Safety automobile license plates:


The application can be found at this link:

https://www.tn.gov/content/dam/tn/revenue/documents/forms/titlereg/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**

<table>
<thead>
<tr>
<th>Name of Net</th>
<th>Freq. MHz</th>
<th>Offset/Tone</th>
<th>Local Time</th>
<th>Day of Week</th>
</tr>
</thead>
<tbody>
<tr>
<td>Delta Club Information Net</td>
<td>146.820</td>
<td>(107.2)</td>
<td>8:00p</td>
<td>Daily</td>
</tr>
<tr>
<td>YL Net</td>
<td>146.820</td>
<td>(107.2)</td>
<td>8:45p</td>
<td>Sat</td>
</tr>
<tr>
<td>Mid-South Barefooted Bullfrog Net</td>
<td>146.535</td>
<td>[simplex]</td>
<td>7:30p</td>
<td>Daily</td>
</tr>
<tr>
<td>Secret Service Net</td>
<td>224.780</td>
<td>[no tone]</td>
<td>8:30p</td>
<td>Mon</td>
</tr>
<tr>
<td>Elmer Net</td>
<td>145.210</td>
<td>(107.2)</td>
<td>9:00p</td>
<td>Sun</td>
</tr>
<tr>
<td>MedMERS Net</td>
<td>146.820</td>
<td>(107.2)</td>
<td>12:00p</td>
<td>Wed</td>
</tr>
<tr>
<td>ARES Training Net</td>
<td>146.850</td>
<td>(107.2)</td>
<td>9:00p</td>
<td>Thu</td>
</tr>
<tr>
<td>Super Sunday Niner Net</td>
<td>927.6125</td>
<td>(146.2)</td>
<td>8:30p</td>
<td>Sun</td>
</tr>
</tbody>
</table>

Delta Club sponsored Nets are shown in red.

### TENNESSEE HF NETS

**As of January 2018**

All times are Central Time

<table>
<thead>
<tr>
<th>Net Name</th>
<th>Freq. MHz</th>
<th>Local Time</th>
<th>Day of Week</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tennessee CW Net</td>
<td>3.563</td>
<td>7:00p</td>
<td>Daily</td>
</tr>
<tr>
<td>Tennessee Slow CW Net</td>
<td>3.682</td>
<td>7:30p</td>
<td>Tue-Sun</td>
</tr>
<tr>
<td>Tennessee Alternate Phone Net</td>
<td>7.238</td>
<td></td>
<td>As needed</td>
</tr>
<tr>
<td>CUSEC</td>
<td>3.810</td>
<td></td>
<td>As needed</td>
</tr>
<tr>
<td>CUSEC</td>
<td>7.180</td>
<td></td>
<td>As needed</td>
</tr>
</tbody>
</table>

(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

<table>
<thead>
<tr>
<th>CURRENTLY STOCKING</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Antennas</strong></td>
<td><strong>Antenna Mounts</strong></td>
<td><strong>Connectors</strong></td>
<td><strong>Coax &amp; Cable</strong></td>
</tr>
<tr>
<td>HT</td>
<td>Magnet</td>
<td>UHF</td>
<td>RG-213</td>
</tr>
<tr>
<td>Mobile</td>
<td>Trunk Lip</td>
<td>“N”</td>
<td>RG-8/U Mini</td>
</tr>
<tr>
<td>Base Station</td>
<td>Roof Mount</td>
<td>SMA</td>
<td>RG-58</td>
</tr>
<tr>
<td>HF</td>
<td>Window Mount</td>
<td>BNC</td>
<td>450 &amp; 300 Ohm</td>
</tr>
<tr>
<td>Wire</td>
<td>Swivel Ball</td>
<td>RCA</td>
<td>Rotor Cable</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>LDG Electronics</strong></th>
<th><strong>Accessories</strong></th>
<th><strong>Miscellaneous</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Automatic Antenna Tuners</td>
<td>RF Chokes</td>
<td>Gordon West Books</td>
</tr>
<tr>
<td>Remote Tuners</td>
<td>Power Poles</td>
<td>Coax Seal</td>
</tr>
<tr>
<td>Brand Specific Antenna Tuners</td>
<td>Antenna Switches</td>
<td>Fuse Holders</td>
</tr>
<tr>
<td>Baluns</td>
<td>SWR/Power Meters</td>
<td>Remote Tuner Boxes</td>
</tr>
<tr>
<td>Ununs</td>
<td>Mic Holders</td>
<td>Dog Bone Insulators</td>
</tr>
</tbody>
</table>

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.
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