

DELTA AMATEUR RADIO CLUB

SPARKS

P.O. Box 342768 * Memphis, Tennessee 38134-2768 * Volume 20 * August 2014



**Welcome to the
Delta Amateur Radio Club**

Visit our home on the web at: <http://www.deltaclub.org>

W4BS
REPEATER SYSTEM
146.820^{-107.2} 147.360^{-107.2}
224.420 443.200^{+107.2}

NEXT CLUB MEETING

- DATE:** August 12, 2014 (2nd Tuesday of each month)
- PLACE:** Ellendale Church Of Christ, 7365 Highway 70
Memphis, TN (1 ½ miles north of Hwy. 64 – Stage Road)
- TIME:** 7:00 PM
- PROGRAM:** “What radio to buy/Preparing for Huntsville Hamfest”
(This is a video presented by David Campbell on what to look for in a radio.)
Presented by: David Campbell KD4NOQ

And

“Share Your Shack”
(This presentation is another in the Share Your Shack series.)
Presented by: Michael Knight KK4IOH

VE TESTING: Don't forget the monthly Volunteer Examiner FCC testing session. Registration begins at 5:30 PM and testing begins by 6:00 PM. Please remember to bring two (2) forms of identification, at least one a photo ID, and copies of any existing licenses or CSCE's you might have. Please be on time for registration, as you will not be allowed to enter the testing session after 6:00 PM. This is to allow our volunteer VE team to finish in time to attend the club meeting. For more VE testing information, please contact:

Bill Stevens, WC9S, VE Liaison
Phone: 901-603-3448
Email: wc9s@att.net

For tests during the Field Day test session, congratulation to James Thorne KM4CWG for earning his Technician license. Congratulations to Charles Feraci KM4CWH for earning his Technician license and upgrading to General under the grandfather provision since he had a previous Technician license with

General theory. Congratulations to Thomas Butas KM4AEM for upgrading to General. Congratulations to Dennis Jaynes N5ANZ for earning his Extra Class license.

For tests during the July test session, congratulations to Ben Baker K6BPB for upgrading to General. Congratulations to Janet Souza KK4RGX, now KV4ZM, and David Prudhomme KK4QIA for earning their Extra Class license.

PRESIDENT'S CORNER

By: Joe Wray WD4GXI

I

hope everyone is enjoying this pleasant weather we have had lately. I am told that this was the 6th coolest July on record. I am looking forward to the Huntsville Hamfest August 16th and 17th and I look forward to seeing a number of you there too. We still have seats available on the bus so you can still make it if you want to go.

Remember we have an email account if you want to contact anyone on the Board about suggestion, grips, and things you want to see happen with the club. Maybe you would like to conduct a seminar at a meeting. We can always use some fresh input.

(darc4you@gmail.com)

It seems the summer doldrums are here and not a lot going on. Come on out to the meeting especially the newer hams. We have a program you're sure to be interested in and you old hams just may learn something too. Some times we are too proud to admit that we can learn something new. I am looking forward to seeing everyone. Be sure to check in to the nets.

HUNTSVILLE HAMFEST BUS TRIP - AUGUST 16, 2014

Submitted by: Joe Lowenthal WA4OVO, Director of Training

DARC is sponsoring a 50-passenger bus trip to go to the Huntsville Hamfest on August 16, 2014. The fare is \$70 The fare includes the \$8 hamfest entry ticket. There will be two biscuit sandwiches, water, sodas, chips, and fruit on the bus going to Huntsville and whatever is left for the trip back.

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, Ellendale or Germantown for getting on the bus, and whether you want bacon, ham or plain biscuits. **Reservations will be on a first come first paid basis.**

The bus will leave Ellendale Church of Christ, 7365 Highway 70, Bartlett, TN at 6:00am on August 16th. A second pickup point will be at Germantown Baptist Church, 9450 Poplar Avenue at Johnson Road, Germantown, TN at approximately 6:30am. The bus will leave Huntsville immediately after the 4pm door prize drawing and return to Germantown Baptist Church approximately 7:30pm and Ellendale Church of Christ at approximately 8:15pm.

Ellendale Church of Christ has asked us to park in the larger parking lot on the west side of the building to leave the east side open for church activity parking.

The pickup point at Germantown Baptist Church will be on the east side of the church (toward Collierville) just north of the baseball diamonds and south of the gym (called the CORE) between the gym and the baseball diamonds to the front.

TREASURER'S REPORT

Submitted By: Rick Tillman WA4NVM

Expenses

Cline Tours	Bal. of Huntsville bus	\$1,485.00
Tom Raggett	Printer Paper	\$6.80
Kroger	Drinks for meeting	\$8.08
MARA	Field Day	\$226.43
Total Expense		\$1,726.31
SubTotal		\$10,478.46

Income

Membership Dues	Year 2014	\$15.00
Tickets	November Drawing	\$200.00
Bus Trip		\$260.00
Donated Gear		\$110.00
Total Income		\$585.00

Ending Balance	as of July 31, 2014	\$11,063.46
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Submitted by Rick Tillman WA4NVM

Certificate of Deposit #1	Balance	\$10,188.10
Certificate of Deposit #2	Balance	\$5,000.00
Total DARC Assets	Balance	\$26,251.56

BOARD MEETING MINUTES

July 1, 2014 - Presented by: Tom Raggett KJ4LMH Secretary

Present: Joe Wray, Ken Laseter, Joe Lowenthal, Tom Raggett, Bill Stevens, Rick Tillman, Michael Knight

1. Treasurer's Report—Rick Tillman presented the Treasurer's report. The report was approved by the Board and will be presented to the General meeting.
2. Trailer—Trailer has not sold and proposed to move to Faith Baptist. At this point, advertising is word of mouth.
3. Repeater 147.36—Bill Stevens proposed to move the repeater to the Germantown Water Tower from Methodist North Hospital. The discussion will continue at next Board meeting.
4. Web site backup—The DARC web site has been backed up by Michael Knight as of July 1, 2014.
5. Email address for suggestions—The Board will get a new Gmail email account for suggestions. Anyone in the club can use it. The Board will check the email address and provide feedback to the sender.
6. Training—There is a Tech class beginning on July 14, at the Lord of Life Church.
7. Meeting adjourned.

GENERAL CLUB MEETING MINUTES

July 8, 2014 - Presented by: Tom Raggett KJ4LMH

1. Introduction—President Joe Wray welcomed everyone and asked for introductions.
2. Meeting Minutes—Ham Hilliard made motion to approve minutes as published in SPARKS. Bill Covington 2nd. Minutes approved.
3. Treasurer's Report—Roger Schlichter made motion to approve report as published in SPARKS. Bill Stevens 2nd. Report approved.
4. Repeater 147.36—The repeater had to be taken off line. Discussions are ongoing as to where the repeater will be located.
5. Testing—3 persons tested and passed. 1 general and 2 Extra.
6. Training—There is a Tech class July 14-August 18 at Lord of Life Church.
7. Huntsville Hamfest—Bus trip to the Huntsville Hamfest is scheduled for August 16. The fare is \$65 through July 31.
8. Old Business—Only DARC members can win the “Big Prize” in the November drawing. The prize is an ICOM 7100.
9. New Business—There is a new email address to be used by club members for suggestions and concerns. The address is DARC4YOU@Gmail.com.
10. Program—Program was presented by David Campbell titled “My Favorite Radio”.
11. Drawing—Drawing for door prize was held. Winner not recorded.
12. Meeting Adjourned—Ham Hilliard made motion to adjourn, Tom Raggett 2nd.

AMATEUR PACKET UPDATE

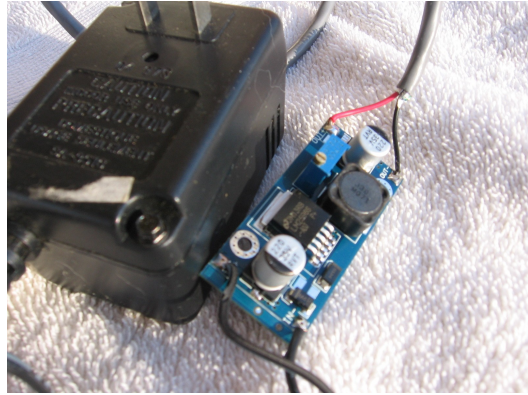
By: James Butler - KB4LJV

When using one of the new SDR (software defined radios) with our computer screen the audio comes out the computer audio output. Gap has come out with a new 10-watt amplified speaker with digital signal processing for this application. The desktop speaker runs from 12 to 18 VDC. It also has line level and speaker level inputs. With the DSP it has 8 levels of noise cancellation, noise reduction of 9dB to 35dB and tone reduction. If you are running an SDR radio and need additional audio filtering check this one out from Gap. The web address is www.gapantenna.com

AMATEUR HARDWARE UPDATE

By: James Butler - KB4LJV

Lots of times we need DC power supplies to replace batteries on accessories we use in Ham Radio. These circuits can run on any voltage from 1.5 to 12 VDC depending on the type and number of batteries used. By using an old surplus DC wall wart power supply and a Chinese Buck regulator PC board you can fabricate a supply for any voltage you need. I bought my Chinese Buck regulator PC board off of Ebay for about a \$1.50 on sale. It takes any DC voltage up to 30 VDC and has a ten turn Potentiometer on it to adjust the output from 1.2 volts almost up to the wall wart voltage. The Chinese unit will handle up to 3 Amps max current, but you will be limited by the wall wart rated current capacity for the maximum current. I set mine for 9VDC to take the place of 9-volt batteries. Mine has worked well as a battery replacement. Go to Ebay and type in “ Buck Voltage Regulator” to see all that is available.



2014 TRAINING CLASSES

Submitted by: Joe Lowenthal WA4OVO, Director of Training

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

Licenses Earned in 2014 from Delta Classes

9 Technician

11 General

5 Extra

Note: The current Technician ARRL Ham Radio License Manual is the Third Edition which became effective July 1, 2014.

CLASSES SCHEDULED

None

CLASSES IN PROGRESS

Tech Class 4-14 – July 14 – August 18, 2014

Tech Class 4-14 began July 14th for six Monday nights to August 18th at Lord of Life Lutheran Church at 6865 Poplar Pike. Twenty-two students are in the class of which there are 4 youth and 5 ladies. The instructors are Joe Lowenthal WA44OVO, Geoff Wilson KV4LE, and Pat Lane W4OQG. The Elmers are Bill Stevens WC9S, Rick Tillman WA4NVM, Richard Martin K4DXF, Tom Ernst N4LIA, and Jack

Moody KK4VPY. The mode presenters are Pat Lane W3OQG on Winlink, SSB, and MARS radio. Rick Pellicciotti KJ4NWQ on APRS, and Michael Knight KK3IOH on Echolink and D-Star.



Tech Class 4-14 with instructor Joe WA4OVO
Photo by Bill Stevens WC9S



Tech Class 4-14-Pat Lane W4OQG explaining radiation patterns
for $\frac{1}{4}$, $\frac{1}{2}$ & $\frac{5}{8}$ wave antennas Photo by Joe Lowenthal



Tech Class 4-14-Rick Tillman WA4NVM demonstrating an FM
satellite contact Photo by Joe Lowenthal WA4OVO

TECHNICIAN CLASS

If you are interested in the first amateur license class, Technician, please let us know by sending an email to w4ovo@arrl.net with subject line "Tech Class" and give your name, email address, and a contact phone number (preferably a cell number). Or you can go to the Delta Club webpage www.deltaclub.org click on Training Classes; then click on Technician Class to send an email, or call at 901-628-4318. We usually publish class schedules a month or two in advance. You will be notified by email or phone when the class is set if you send an email informing us of your desire to be in a class.

There is no charge for the class, but registration is required. Advanced study of *The ARRL Ham Radio License Manual Third Edition*, [ARRL Order #0222](http://www.arrl.org), ISBN 978-1-62595-015-0, is strongly suggested, as well as study of the 426 question and answer Technical Class License question pool. You can purchase it online from www.msars.com, www.arrl.org/catalog, [on Amazon.com](http://www.amazon.com), or possibly Barnes & Noble booksellers.

The new Technician question pool which became effective July 1, 2014 can be seen at <http://ncvec.org/page.php?id=362>. The question pool is in the blue section in the back of the license manual. Practice tests are highly recommended. The www.qrz.com website is free. To access the current 2014-2018 sample tests, go to www.qrz.com. From the QRZ home page click on **RESOURCES** in the blue band on the top right. Then click on 2014 Technician Exam Practice Test. When you start answering the questions, it will show you if you answered correctly or not with **CORRECT!** or **SORRY BUT THAT ANSWER IS NOT CORRECT**. Statistics are kept below the test question at **This Quiz** with the number of questions answered correctly and the percentage correct. Also shown is the number of questions answered correctly from the 426 questions of the question pool. It keeps track of your correct answers on subsequent tests. Below the **This Quiz** line is **Questions In This Test**, that is a list of the 35 question numbers of the current test. If answered correctly, the question number radio button turns green. If answered incorrectly, it turns red.

There are a number of other free sample-test sites on the internet. Here are some of the ham radio practice exam sites:

- www.hamstudy.org
- www.aa9pw.com
- <http://kb0mga.net/exams>
- www.qrz.com
- <http://www.hamradioclass.org>

The 35-question FCC exam will be given during the class by a Volunteer Examiner (VE) team. The ARRL VEC FCC exam fee is \$15.00.

GENERAL CLASS

If you are interested in a General License class, please let us know by sending an email to wa4ovo@arrl.net with subject line "General Class." Or you can go to the Delta Club web page www.deltaclub.org; click on Training Classes; then click on General Class to send me an email with your name, email address and contact phone, preferably cell number, or call at 901-628-4318. The current question pool became effective July 1, 2011 and valid through June 30, 2015. The text is *The ARRL General Class License Manual, Seventh Edition* with sample test CD, ARRL product #8119, ISBN 978-0-87259-811-9. You will be notified by email or phone when the class is set if you have sent an email.

BASIC ELECTRONICS

Basic Electronics is geared toward bridging the gap between the General and Extra Class licenses. **There is not a Basic Electronics class in the classroom anymore** since there is so much on the internet. Alan Proffitt AE5RX has created a Google website for basic electronics for the Delta Club with useful links. Click on <https://sites.google.com/site/darcelectronics/my-forms> and then click on syllabus.docx at the bottom of the list. Alan, alan.proffitt@comcast.net, will Elmer anyone who would like help or refer them to another Elmer. One site inside this Google site is the US Navy Electricity and Electronics Testing Site (NEETS). There are 24 modules with excellent information. If you want to go directly to it, go to <http://jacquesricher.com/NEETS/>.

EXTRA CLASS

If you are interested in an Extra Class, please pre-register by going to the Delta Club web page www.deltaclub.org; click on Training Classes; then click on Extra Class to send an email with your name, email address and contact phone, preferably cell number, to Joe Lowenthal, WA4OVO, at wa4ovo@arrl.net or call at 901-628-4318. You will be notified by email or phone when the class is set. Classes are usually held on Saturdays from 9am-1pm for 6 or 7 weeks in January and February. The text is The ARRL Extra Class License Manual 10th Edition, ARRL Order #5170, ISBN 978-0-87259-517-0.

Tech Class 4-14a – July 19, 2014

Congratulations to Alan Chaniewski KC1CHW for earning his Technician license at the Hartford Connecticut ARRL Centennial Convention VE session on July 19th. Joe WA4OVO conducted a quick one-on-one training session primarily on the four formulas and the rules and regulations prior to the exam. Alan is a Fox CT cameraman who was covering the convention for Fox TV.

Tech Class 1-07 Revisited

Congratulations to Eric Wardlaw KM4BKF who passed his Technician at the May 13th Delta Club test session. He has received WB4SLK to follow his parents, Hugh WB4SLI and Linda WB4SLJ.

Tech Class 3-14 – March 10 – April 21, 2014

Tech Class 3-14 was held on 6 Monday nights from March 10th to April 21st at EMHC ambulance offices at 6972 Appling Farms Parkway. Ten students were registered with only seven continuing. The instructors were Pat Lane W4OQG and Joe Lowenthal WA4OVO.

On the 5th night there was a question pool review and FCC exam. Congratulations to Brad Chafin KK4ZZW, Keith Frazier KK4ZZX, Denise Nepa KK4ZZY, Tom Unger KK4ZZZ, Nolen Smith KM4AAR, and Richard Weiland KG5BHV. Chris Trim KM4AEN earned his license at FreeFest, and Richard Weiland KG5BHV upgraded to General at FreeFest.

On the sixth night of class Joe Lowenthal went over repeater basics and what is required to program an FM radio. The demonstration instructors were Michael Knight KK4IOH on EchoLink and D-Star. Pat Lane W4OQG presented WinLink and Rick Pelliciotti KJ4NWQ on APRS. The Elmers were Casey Nepa NO1NO, Tom Ernst N4LIA, and Geoff Wilson KV4LE.

Extra Class 2-14 – February 22 – April 12, 2014

Extra Class 2-14 was held on 6 Saturdays from February 22nd until April 12th from 9am-1pm at EMHC ambulance offices at 6972 Appling Farms Parkway and the WCARS FCC exam at 2014 FreeFest. The students were Art Barnett WA4PSS, Jimmy Butler KK4SZQ, Dorothy Cantrell KF5TAV, James Jones KI4HTC, Janet Kelly KK4PRT, Jerry King KD4EYU, Ray Phetteplace KJ4SBC, Chuck Pigue KK4NEO, Dean Plessala KC5RDP, and Sue Plessala KF5ZJI. The instructors were Ed Arndt KV4LF, Dean Honadle N2LAZ, Pat Lane W4OQG and Joe Lowenthal WA4OVO. Dan Lasely NE7JN was an Elmer.

Congratulations to Dorothy Cantrell KF5TAV for upgrading to Extra before the end of the class at the CARA ARRL FCC test session on March 17th. Congratulations to Jimmy Butler KV4XE, Ray Phetteplace KJ4SBC, Dean Plessala KC5RDKP, and Sue Plessala AF5PY for their upgrades at FreeFest.

General Class 1-14 – January 4 – February 15, 2014

General Class 1-14 began on January 4th for 6 Saturdays from 9am-1pm through February 15th. The location was at EMHC ambulance offices at 6972 Appling Farms Parkway. The instructors were Joe Lowenthal WA4OVO, Ed Arndt KV4LF and Pat Lane W4OQG. Elmers were Dan Lasley NE7JN and Art Barnett WA4PSS.

Ten hams have upgraded to General. Congratulations to Jimmy Butler KK4SZQ, Ed Itkin KK4VPU, Dean Plessala KF5ZJH, Sue Plessala KF5ZJI, Thomas Showers KF5VEB, Doug Sporre KK4VQB, and Jan Sporre KK4VQA. Steven Wiley WB4PAG upgraded at the Hoxey Hamfest. Barri Munday WB4SWP upgraded at the March Delta Club test session and Bill Flanigan KK4VPS upgraded at the April Delta Club test session. The Delta Club VE team led by Bill Stevens WC9S provided the ARRL FCC testing on February 15th. Thanks to Bill Stevens WC9S, Ed Arndt KV4LF, Jeff Krause AJ4GY, Ken Laseter KI4AOH, Ray Turner AE0AE, David Webb KV4QI, and Joe Lowenthal WA4OVO.

YL NET

Submitted by Denise Ganucheau KG5DG

QST all Ladies, QST all Ladies, a YL (Young Ladies) net began on Sunday, May 18th at 7pm with Lisa Alex N0AMO as net control. For the first three nets, the check-ins were from 10-15 hams. Some of the topics for discussion were, “What do you like about the hobby?” , “How do you like to use your radio?” and “What can you do to address mic fright?”

All ladies are invited to check in at 7PM on Sunday nights. If you have any topics for discussion, send them to me. I will be net control on June 15th. We are looking for additional net control YLs. If anyone would like to call the net, please contact me at kg5dg.denise@gmail.com or give me a call at 248-4806. See you on the net.

HUNTSVILLE HAMFEST BUS TRIP – AUGUST 16, 2014

Submitted by Joe Lowenthal WA4OVO, Director of Training

DARC is sponsoring a 50-passenger bus trip to go to the Huntsville Hamfest on August 16, 2014. The fare is \$70 the fare includes the \$8 hamfest entry ticket. There will be two biscuit sandwiches, water, sodas, chips, and fruit on the bus going to Huntsville and whatever is left for the trip back.

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The pickup point at Germantown Baptist Church will be on the east side of the church (toward Collierville) just north of the baseball diamonds and south of the gym (called the CORE) between the gym and the baseball diamonds to the front.

ELVIS PRESLEY 5K RUN AND WALK – AUGUST 16, 2014

Submitted by Denise Ganucheau KJ5DG

For those members NOT going to the Huntsville Hamfest on August 16, 2014, a small group of us will be supporting the Elvis Presley 5K Run and Walk that same morning, benefiting the Livitup Foundation.

The Elvis Presley 5K Run and Walk has a well documented website which contains most of the information you'll need about the race in general. It is: elvispresleyrunandwalk.com

We will be using the 145.45 repeater, courtesy of the Tri-State Repeater group.

Registration, setup and talk-in begins at 6:30 AM, near the corner of Elvis Presley Boulevard and Craft Road (next to the car museum in the Graceland area). We're asking all operators to be there no later than 6:45 AM for radio checks, logistical support assignments and travel to their designated posts. We plan to open the net beginning at 7:00 AM, with radio checks every 30 minutes or so thereafter. Protocols for the race will be announced at the opening of the net. This single leg race goes off at 8:00 AM and we should be finished by 10:30 AM.

As of this writing, we still need two more operators. If you can assist this very worthy event, while having a great time, please contact Denise Ganucheau, KJ5DG, Communications Coordinator, @ [901.248.4806](tel:901.248.4806) or KJ5DG@arrl.net.

MS 150 BIKE RIDE – SEPTEMBER 6 – 7, 2014

Submitted by Joe Lowenthal WA4OVO, Director of Training

Delta Club will again provide communications for the National MS Society FedEx Rock-N-Roll Ride on September 6th and 7th. The 150-mile ride begins at Landers Center in Southaven and meanders down to the Gold Strike Casino Resort in Tunica on Saturday and returns to Landers Center on Sunday. Darrell Sheffield KK4D is again coordinating this annual event. You can reach him at darrell.sheffield@memphistn.gov or at 277-8122 to volunteer to help. Darrell needs about 25 hams to be successful again. There is a dinner on Saturday night that you can attend. If you work one of the SAG trucks both days, you will be provided a double occupancy room at the Gold Strike hotel. Last year the Delta Club was honored with the Rico Bullock Volunteer of the Year Award for our many years of communication service.



WRITE A LETTER ON HR4969

Submitted by Joe Lowenthal WA4OVO, Director of Training

HR4969 was introduced into the 113th Congress to do to CC&Rs what PRB-1 did for governmental zoning codes and restrictions on towers and antennas. ARRL is encouraging everyone to write a letter to their Congressman via ARRL. More information can be found on the ARRL website at

<http://www.arrl.org/hr-4969>

The letters should be sent to:

ARRL
Attn: HR 4969 letter campaign
225 Main St
Newington, CT 06111

TENNESSEE HAM RADIO LICENSE PLATE

Submitted by: Joe Lowenthal WA4OVO

The link below is for information and instructions about Tennessee ham radio callsign automobile license plates:

<http://www.tn.gov/revenue/vehicle/licenseplates/emergency/emergsaftey.shtml>

The application is at www.tn.gov/revenue/forms/titlereg/fl312601Fill-in.pdf

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, 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
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2014 BOARD OF DIRECTORS

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Vice-President:

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Director of Programs:

David Campbell – KD4NOQ
901-388-6166
kd4noq@arrl.net

Director of Meetings & Special Events:

OPEN

New board members joining us in 2014 are listed in red.

HAM FESTS OF INTEREST

DATE	HAM FEST	LOCATION	LINK
January 2014 24th & 25th	Capital City Hamfest	Jackson, MS	http://hamfest.msham.org/
March 2014 1st & 2nd 29th	Birmingham Hamfest Union City Hamfest	Birmingham, AL Union City, TN	http://birminghamfest.org/ http://www.reelfootarc.com/
April 2014 12th	Free Fest	Bartlett, TN	
May 2014 16th Thru 18th	Hamvention	Dayton, OH	http://www.hamvention.org/
August 2014 16th & 17th	Huntsville Hamfest	Huntsville, AL	http://www.hamfest.org/

PUBLIC SERVICE EVENTS --- 2014

If you are a coordinator for any of these events, please review the listed information. If it is incorrect or changes need to be made, please provide me with the correct information. Please email corrections to me at kmlaseter@laseterinc.com .

DATE	EVENT	COORDINATOR	CONTACT INFO.
January 2014 19 th	Swamp Stompers.	Danny– KJ4FXZ	kj4fxz@arrl.net
February 2014 8 th	Boy Scout Merit Badge University.	Ken – KI4AOH	kmlaseter@laseterinc.com
April 2014 26 th	March for Babies (March of Dimes).	Linda – KJ4CTX	llaseter@laseterinc.com
May 2014 31 th	Tour de Cure	Denise – KJ5DG	kj5dg.denise@gmail.com
September 2014 6 th - 7 th	MS 150 Bike Ride	Darrell - KK4D	kk4d@xipline.com
December 2014 6 th	St. Jude Marathon	Roger – WR4R	wr4r@bellsouth.net

MEMPHIS AREA VHF/UHF NETS

Net Name	Freq. MHz	Local Time	Day
Mid-South Barefooted Bullfrog net	146.535	7:30p	Daily
Delta Club Traffic and Information Net	146.820 - (107.2)	8:00p	Daily
Secret Service Net	224.780 -	8:30p	M
Elmer Net	147.030 + (107.2)	9:00p	M
The Short Winded Net	146.850 -	8:30p	Tu
MedMERS Net	146.730 - (107.2)	12:00p	W
Six Meter Tech Net	53.01 -	8:30p	W
The 440 Net	443.200 + (107.2)	9:00p	W
Collierville CERTPlus Net	444.125 + (107.2)	7:00p	W
TAC 2 Net	224.420 -	8:30p	Th
ARES Training Net	146.880 - (107.2)	9:00p	Th
YL (Young Ladies) Net	146.820 - (107.2)	7:30p	Sun

TENNESSEE HF NETS

Net Name	Freq. MHz	Local Time	Day
Tennessee CW Net	3.563	7:00p	Daily
Tennessee Slow CW Net	3.682	7:30p	T-Su
Tennessee Early Morn Phone Net	3.980	5:40a	M-F
Tennessee Morning Phone Net	3.980	6:45a	M-F
Tennessee Evening Phone Net	3.980	6:30p	T-Su
CUSEC (Center for United States Earthquake Consortium)	3.810	As needed	
CUSEC (Center for United States Earthquake Consortium)	7.180	As needed	

DELTA CLUB 146.82 NET PREAMBLE (11/21/13)

Good evening, this is [*first name and callsign*] calling this session of the DELTA CLUB's Information Net. This net meets nightly at 8:00 pm central time except the second Tuesday of the month on the 146.82 W4BS repeater and requires a PL tone of 107.2 Hz. This net provides an opportunity to present information about club events and amateur related topics. This Net also provides new amateur stations training, and allows all amateurs a regularly scheduled session for testing their radios and communicating with the amateur radio community. In the event of severe weather this is the National Weather Service Skywarn Repeater for the Memphis area.

All licensed amateurs are encouraged to participate. All stations are requested to refrain from transmitting without being acknowledged by net control. Stations not providing their callsign or suffix will not be acknowledged.

Before we begin, is there any station with emergency or priority traffic?

During this net should any station have emergency or priority traffic please use a double break followed by your call sign.

Does any station have announcements for the net? (Does any station have any questions or need any fills?)

This is [*first name and callsign*] with the Delta Club's Information Net.

We will now take **Early Check-Ins**. Are there any stations that need to leave early? If so please come now, phonetically, with your suffix only, and please remember to spread them out by waiting for the courtesy tone. (Ask for additions or corrections only once)

We will now take check-ins phonetically, by suffix only if your suffix begins **A–H**, Alpha through Hotel. Please come now and remember to spread them out. (Ask for additions or corrections only once if you have a short list)

This is [*first name and callsign*] with the Delta Club's Information Net.

We will now take check-ins phonetically, by suffix only if your suffix begins **I–Q**, India through Keebeck. Please come now and remember to spread them out. (Ask for additions or corrections only once if you have a short list)

We will now take check-ins phonetically, by suffix only, if your suffix begins **R–Z**, Romeo through Zulu. Please come now and remember to spread them out. (Ask for additions or corrections only once if you have a short list)

This is [*first name and callsign*] with the Delta Club's Information Net.

1. The Delta Club meets the second Tuesday of each month at the Ellendale Church of Christ, 7365 HWY 70 in Bartlett at 7:00pm.
2. VE registration begins at 5:30pm, with testing starting by 6:00pm. A copy of your license and CSCE is required.
3. For VE information contact Bill, WC9S at 603-3448 or by email at WC9S@att.net
4. For membership information contact Tom KJ4LMH at 517-0492 or by email at KJ4LMH@arrl.net.
5. For training information contact Joe WA4OVO at 628-4318 or by email at WA4OVO@arrl.net.
6. Local area code is niner – zero – one.

Are there any additional announcements? (does any station have any questions or need any fills?)

We will now take **late check-ins** from any anywhere in the alphabet, A- Z, Alpha through Zulu. Please come now, phonetically, with your suffix only, and please remember to spread them out. (ask for additions or corrections)

CLOSE

Is there anything this station or the net can do for anyone before we close?

This is [*first name and callsign*] now closing this session of the Delta Club's Information Net. I would like to thank all _____ stations for checking in tonight, and would like to ask that everyone check in tomorrow night at the same time. Goodnight and 73, the net is now closed. This is [*first name and callsign*] clear.

DELTA CLUB ADVERTISEMENTS

See Advertisement Order Form for Instructions.

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
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 224.42- 443.20+ (107.2Hz tone)



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 TN LICENSE C-0291

ADVERTISEMENT ORDER FORM

Delta Amateur Radio Club Sparks Advertising Order Form

Date: _____

Name: _____

Call Sign: _____ Phone: _____ Email: _____

TO PLACE AN ORDER

1. Mark the box below indicating the ad size you are purchasing and the three (3) months you want your ad to appear in Sparks.
2. Submit this completed order form, your camera ready ad, and your check payable to Delta Amateur Radio Club (DARC) to Kenneth Laseter KI4AOH via mail at 684 Oasis Cove, Cordova, TN 38018 or give it to him at the monthly Delta Club meeting. Camera ready means that the ad you submit is exactly as you want it to appear in your ad and fits within the dimensions specified below. Ads may be submitted in gif or jpg format or submitted as a hard copy and we will scan and place your ad for you.
3. Your ad order must be received on or before the first Tuesday of the **month before** you want it to appear in Sparks.

SPARKS ADVERTISING

FULL PAGE			HALF PAGE			¼ PAGE			BUSINESS CARD		
\$50.00			\$25.00			\$15.00			\$10.00		
for 3 Months			for 3 Months			for 3 Months			for 3 Months		
7" w X 8 ½" h			7" w X 4" h			3 ½" w X 4" h			3 ½" w X 2" h		
Jan 2014	Feb 2014	Mar 2014	Apr 2014	May 2014	Jun 2014	July 2014	Aug 2014	Sept 2014	Oct 2014	Nov 2014	Dec 2014



DELTA AMATEUR RADIO CLUB
P.O. Box 342768, TN 38134-2768
2014 MEMBERSHIP APPLICATION



Call sign _____ License Exp. Date ____/____/____ New Member ____ Renewal ____
License Class (Check One) _____ NOV _____ TECH _____ TECH + _____ GEN _____ ADV _____ EXTRA
Last Name _____ First Name _____ ARRL Member ____ Yes ____ No
Address _____ Birthday-Month ____ Day ____
City _____ State _____ Zip+4 _____ + _____
Area Code _____ Home Phone _____ Email _____

This membership current through December 2013

This membership current through December 2014

Club dues:	INDIVIDUAL MEMBERSHIP (\$30.00)*	\$ _____
	FOR FAMILY MEMBERSHIP ADD (\$5.00)	\$ _____
	DONATION	\$ _____
	TOTAL	\$ _____

* Individual dues will be **pro-rated** quarterly for **new members only** (NOT RENEWALS), as follows: January to March – 100% (\$30.00), April to June – 75% (\$22.50), July to September – 50% (\$15.00), October to December – 25% (\$7.50).

Family membership is five dollars in addition to the individual membership fee, which includes any immediate licensed or unlicensed family members living in your home who desire to be Delta Club members.

Please provide family member information below **ONLY** if you are applying for a family membership.

	Name (First, Middle, Last)	Call sign (if licensed)	Lic. Class	Lic. Exp. Date	Birthdate: (Mo/Day)
1.	_____	_____	_____	_____	_____
2.	_____	_____	_____	_____	_____
3.	_____	_____	_____	_____	_____
4.	_____	_____	_____	_____	_____

CLUB USE ONLY, PLEASE DO NOT WRITE BELOW THIS LINE

_____ CASH _____ CHECK # _____ AMOUNT _____ RECEIVED BY: _____

PROCESSED BY SECRETARY _____ DATE _____

PROCESSED BY TREASURER _____ DATE _____

PROCESSED BY DISTRIBUTION _____ DATE _____