

DELTA AMATEUR RADIO CLUB

SPARKS

P.O. Box 342768 * Memphis, Tennessee 38134-2768 * Volume 20 * October 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:** October 14, 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:** “Automatic Packet Reporting System (APRS)”
Video by Tim Cunningham N8DEU from the Huntsville Hamfest and
Additional information by David Campbell KD4NOQ.

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

Congratulations to George Fleet KM4EEZ, Gavin Anderson KM4EFA and Jonathan Towles KM4EFB who earned their Technician license. Congratulations to Janet Kelly KK4PRT for upgrading to Extra.

PRESIDENT'S CORNER

By: Joe Wray WD4GXI

Nothing received.

TREASURER'S REPORT

Submitted By: Rick Tillman WA4NVM

Beginning Balance as of September 1, 2014 \$10,896.85

Expenses

BridgeComSystems	BCR-50V Repeater	\$1,086.00
Rick Tillman	Repeater Duplexers	\$600.00
Walmart	2 Coolers	\$46.93
Sam's	Meeting Food	\$36.55

Total Expense \$1,769.48

SubTotal **\$9,127.37**

Income

Membership Dues	Year 2014	\$15.00
Tickets	November Drawing	\$120.00
Donated Gear		\$110.00

Total Income \$245.00

Ending Balance as of September 30, 2014 \$9,372.37

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	\$24,560.47

BOARD MEETING MINUTES

September 2, 2014 - Presented by: Tom Raggett KJ4LMH Secretary

Present: Joe Wray, Joe Lowenthal, Rick Tillman, Richard Martin, Tom Raggett, David Campbell, Bill Stevens, Michael Knight

1. New Repeater—146.625—Bill Stevens discussed the installation of a new repeater located on the water tower in Germantown, Tn. The City of Germantown has approved the installation of the new

repeater and any needed equipment on the water tower. Bill will give a short summary of all DARC repeaters and where they are located at the next general meeting. The total cost will be a maximum of \$2500. Bill Stevens made motion to the Board for approval to spend maximum of \$2500 on the new repeater located in Germantown. Michael Knight seconded the motion. Motion passed. The proposal will be brought to the general meeting for approval.

2. Treasurer's Report—Rick Tillman presented the treasurer's report. It was noted that the club was \$400 in arrears for the bus trip to the Huntsville Hamfest. Bill Stevens made motion to accept, Michael Knight seconded. Report approved.
3. Training—Joe Lowenthal reported that the recent class did well in the final testing. 15 of 16 passed and 1 passed Tech and General. There is a Tech class proposed for November/December timeframe meeting on either Mondays or Saturdays. Joe made motion to make a \$50 donation to the Lord of Life Church for use of their facility for classes. Richard Martin seconded. Motion passed.
4. Board positions—David Campbell requested that he be replaced as Director of Programs. Tom Raggett notified the Board that he would not submit his name for election as Secretary for 2015.
5. Meeting Adjourned—Richard Martin made motion to adjourn, Michael Knight seconded, passed.

GENERAL CLUB MEETING MINUTES

September 9, 2014 - Presented by: Tom Raggett KJ4LMH

1. Introductions—President Joe Wray welcomed everyone to the meeting and called for introductions.
2. Minutes—Ham Hilliard made motion to accept minutes as published in SPARKS, Ned Savage seconded, minutes approved.
3. Treasurer's Report—Rick Tillman presented treasurer's report. Ham Hilliard made motion to accept report as read, Bill Covington seconded. Report was approved. Rick told the club that the sign-in sheet had been reduced to Lifetime members and paid members. He also communicated that the Grand prize at the November drawing can only be won by paid members.
4. Training—Joe Lowenthal reported the last training class had 15 of 16 pass, and 1 passed Tech and General.
5. MS150—Darrell Sheffield reported that 35 hams participated in support of the MS150 bike ride. Many thanks to those who participated.
6. St. Jude Marathon—Roger Schlichter reported that he had 28 operators signed up to support the Marathon. He is at least 18 operators short. This is an excellent opportunity for new hams to learn and support St. Jude.
7. New Repeater—Bill Stevens made short presentation on all DARC repeaters and where they are located. Bill also included the proposed repeater to be located on the water tower in Germantown. Bill made motion to the club to spend a maximum of \$2500 to purchase and install the repeater on the

Germantown water tower. Roger Schlichter made a motion to amend the original motion to include a timeline for installation after purchase. The amendment failed for lack of second. Ham Hilliard seconded the original motion to approve purchase and installation. Motion was approved by the club and Bill Stevens will proceed with the purchase and installation.

8. Program—David Campbell presented program on “Lightning Research”.
9. Drawing—Andrew KC0BDX
10. Adjourned—Ham Hilliard made motion to adjourn, Jeff Krause seconded.

ELECTION OF OFFICERS FOR 2015

Submitted by: Joe Lowenthal WA4OVO, Director of Training

It's not too late! If you would like to be on the board, now's the time to put your name on the ballot. Or, if you know someone you think would make a good officer or director, just let Thomas Raggett (517-0492 or kj4lmh@arrl.net) or Joe Wray (246-6113 or wrayjoe@yahoo.com) know. There are only two basic requirements: 1) you must be a club member, and 2) you must have attended at least six (6) club meetings in the last 12 meetings. Please be thinking about helping us fill all the board positions. There will be nominations at this month's club meeting. Remember, elections will be held at our regular club meeting in November.

MS-150 ROCK N ROLL BIKE RIDE

September 6 & 7, 2014

Submitted by: Joe Lowenthal WA4OVO, Director of Training

The Delta Amateur Radio Club supported the 2014 MS-150 Bike Ride from Landers Desoto Civic Center and meandering down to the Gold Strike Casino in Tunica and back over the two days. Thirty-five hams provided communications for the ride from the 6 (on Saturday) and 7 (on Sunday) long route rest stops, the century loop, 8 SAG trucks, 3 short route communication points, and the sweep vehicle. Fortunately, there were no accidents that required any serious attention. Darrell Sheffied KK4D did a fine job in coordinating the event. Pat Lane W4OQG and Denise Ganucheau KJ5DG were net control from Landers DCC. Thanks to the Chickasaw Amateur Radio Club for the use of the 146.91 repeater. It had great coverage over the entire course. And thanks to everyone who volunteered their time whether it was for one or both days. We could not have done it without you.



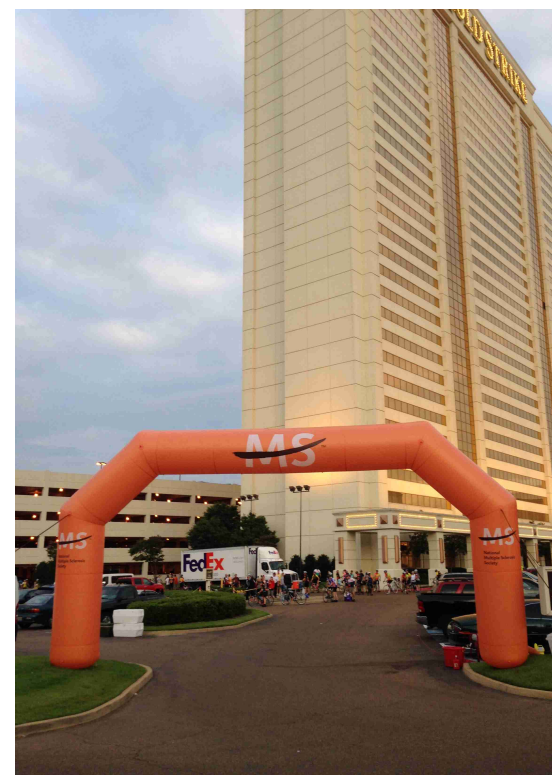
MS-150 Rest Stop One at Bridgeforth Realty Photo by Joe Lowenthal WA4OVO



MS-150 Rest Stop 4 and lunch break at Hernando Court House. Photo by Joe Lowenthal WA4OVO



MS-150 at MS Earlene's house at the top of "the hill". Photo by Joe Lowenthal WA4OVO



MS-150 starting point of the ride on Sunday from Gold Strike Casino. Photo by Joe Lowenthal WA4OVO



Phil Fentress AK4UE beam at MS Earlene's house at the top of "the hill". Photo by Joe Lowenthal WA4OVO

NE5BO EXPERIENCE

Submitted by: Joe Lowenthal WA4OVO, Director of Training

The ARRL VHF/UHF Contest was held on September 13th from 1pm to 10pm CDT on the 14th. Each year a group goes over to



Photo looking northeast from Mount Nebo
Photo by Joe Lowenthal WA4OVO

Mount Nebo State Part in Arkansas just south of Russellville to operate during the contest. This year there was Rick WA4NVM, Randy WB4LHD, Lance N4GMT, Tom KA4P, Bill WC9S, John AJ4AT, Robert



Primary tower with 6, 2, and 440 antennas
Photo by Joe Lowenthal WA4OVO

AK4BD, Joe 1 WB4NWE, Joe 2 WD4GXI, and me, Joe 3.

We set up two short towers with the radios on the front porch of house. We operated on 6 and 2meters, 220, and 440. Not only do we operate, we enjoy the home cooked meals and beautiful scenery.

The views are magnificent from the second highest mountain in Arkansas. As you can see, it was a little chilly this year. In past years we have had clouds roll through the living room while we tried to watch TV.

AMATEUR PACKET UPDATE

By: James Butler - KB4LJV

One thing we need in top shape for any Amateur radio mode is our antenna. Over the years test equipment for antennas has progressed from SRW meters and antenna current meters to antenna analyzers. These analyzers are amazing as they are just hooked to the coax to show all information about the installation of the antenna. The ARRL has come out with a nice book about these analyzers and how they are different. The book is called "Understanding Your Antenna Analyzer". The book includes information on these along with ARRL reviews of several analyzers on the market. If you plan on getting an analyzer check this bok out from the ARRL. Their web address is <http://www.arrl.org/shop/Understanding-Your-Antenna-Analyzer/>

AMATEUR HARDWARE UPDATE

By: James Butler - KB4LJV

When we build our on projects, the most common parts we need are cases and meters. Analog meters are getting harder to find and case prices keep going up. Ebay sells a satellite finder meter which has a meter, amplifier board, and a case for under \$8.00. This can be modified for lots of other projects. One project I built up was a voltmeter to monitor battery voltage. I popped the back and cut the meter out of the circuit. I also cut out the 50K variable resistor from the circuit and wired it in series with the meter movement. I brought out the two wires from the meter and variable resistor circuit to hook to the battery. I can now adjust the resistor to put the meter exactly where I want to show voltage. With the resistor in the circuit I can easily adjust voltages up to 24 VDC. The circuit works well and makes for an easy project. Search Ebay for satellite finder meter.



HAM LICENSE TRAINING 2014

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

25 Technician

12 General

6 Extra

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

CLASSES SCHEDULED

Tech Class 5-14 – November 10 – December 15, 2014

Tech Class 5-14 will be held on 6 Monday nights from 6:15-9:30pm from November 10th through December 15th with the FCC exams given on December 8th. Classes will be held at EMHC ambulance service office at 6972 Appling Farms Parkway Suite 110, Memphis. If you are interested in the class or know someone who is, have them send an email to Joe Lowenthal at wa4ovo@arrl.net with Tech Class in the subject line and name, email address and cellphone number in the text. See the Future Classes Technician Class below for the text to be used.

CLASSES PLANNED

Extra Class 1-15

An Extra class is being planned for early January on 6 Saturdays from 9am-1pm. If you are interested, send an email to Joe Lowenthal at wa4ovo@arrl.net with Extra Class in the subject line and name, email address

and cellphone number in the text. See the Future Classes Extra Class below for the text to be used.

General Class 2-15

A General class is being planned for starting late February or early March either on Saturday mornings from 9am-1pm or Monday nights from 6:15-9:30pm. If you are interested, send an email to Joe Lowenthal at wa4ovo@arrl.net with General Class in the subject line and name, email address and cellphone number in the text. Specify your preference of one of the two days stated above. See the Future Classes General Class below for the text to be used.

TECHNICIAN CLASS

If you are interested in the first amateur license class, Technician, please let us know by sending an email to wa4ovo@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 904628-4318. 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, 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, atwa4ovo@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.

Extra Class 2-14 Revisited

Congratulations to Janet Kelly KK4PRT who earned her Extra Class license at the September 9th Delta Club ARRL FCC test session.

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 were in the class of which there were 4 youth and 6 ladies.



Pat Lane W4OQG explaining the setup of the longwire antenna. Photo by Joe Lowenthal WA4OVO

Congratulations to Brent Berry KM4DPM, Jackie Butler KG4DMW, Patricia Clevenger KM4DPO, Andy Faust KM4DPI, Logan Guleff KM4DPN, Dee Heflin KM4DQY, Marlin Mogy KM4DPP, Nick Molinaro KM4DPK, Shane Revelle KE0BLT, Brad Shideler KG5DMV, Bill Stagg KM4DPJ, Carla Stagg KM4DPH, Jagan Vemula KM4DPL, Aidan Vincent KM4DQZ, and Becky Wolfe KM4DRA for earning their Technician license. A second congratulations to Carla Stagg KM4DPH for also upgrading to General. Congratulations to Gavin Anderson KM4EFA who earned his Technician license at the September 9th Delta Club FCC test session.



Michael Knight KK4IOH explaining Echolink and D-Star. Photo by Joe Lowenthal WA4OVO

Thanks to the WCARS VE team of Win Guin W2GLJ, Bill Stevens WC9S, Jeff Krause AJ4GY, Stacy Krause KJ4MDA, Richard Martin K4KXF, Rick Tillman WA4NVM, and David Webb KV4QI. The instructors were Joe Lowenthal WA44OVO, Geoff Wilson KV4LE, and Pat Lane W4OQG. The Elmers were Bill Stevens WC9S, Rick Tillman WA4NVM, Richard Martin K4DXF, Tom Ernst N4LIA, and Jack Moody KK4VPY. The mode presenters were Pat Lane W3OQG on Winlink, SSB, and MARS radio. Rick Pellicciotti KJ4NWQ on APRS, and Michael Knight KK3IOH on Echolink and DStar.



Tech Class 4-14 with Rick Pellicciotti KJ4NWQ explaining APRS. Photo by Joe Lowenthal WA4OVO

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 DStar. Pat Lane W4OQG presented WinLink and Rick Pellicciotti 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. BarriMunday 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.

HELP WANTED

Submitted by: Kenneth Laseter KI4AOH (Publications Director)

I have enjoyed serving as Publications Director for the past 4 years and appreciate your confidence in publishing and distributing our Sparks newsletter each month. However, due to my increased workload, I am asking that someone else step forward and volunteer to take my place.

My job is relatively easy, others email me their articles and pictures for Sparks and all I do is copy them and paste them into a Microsoft word template that I have setup. Anyone who can use Microsoft word can handle the job. I will give you all the Sparks files I have since I started so you have plenty of examples and old articles you can use as filler if needed.

If you are interested or have questions, please feel free to contact me at kenlaseter@gmail.com or 901-853-0400. I would welcome your call.

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/f1312601Fill-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:

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2014 BOARD OF DIRECTORS

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wrayjoe@yahoo.com

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kmlaseter@laseterinc.com

Director of Programs:

David Campbell– KD4NOQ

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kd4noq@arrl.net

Director of Meetings & Special Events:

Richard Martin – K4DXF (Volunteered as Interim to finish out the year)

901-372-3722

k4dx@att.net

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

HAM FESTS OF INTEREST

DATE	HAM FEST	LOCATION	LINK
January 2014 24 th & 25 th	Capital City Hamfest	Jackson, MS	http://hamfest.msham.org/
March 2014 1 st & 2 nd 29 th	Birmingham Hamfest Union City Hamfest	Birmingham, AL Union City, TN	http://birminghamfest.org/ http://www.reelfootarc.com/
April 2014 12 th	Free Fest	Bartlett, TN	
May 2014 16 th Thru 18 th	Hamvention	Dayton, OH	http://www.hamvention.org/
August 2014 16 th & 17 th	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	443.200 + (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)	7:00p	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 (8/10/14)

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 repeater is available for the National Weather Service Skywarn 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 CheckIns. 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 checkins 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 checkins 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 checkins 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 5170492 or by email at KJ4LMH@arrl.net.
5. For training information contact Joe WA4OVO at 6284318 or by email at WA4OVO@arrl.net.
6. Local area code is nine- zero – one.

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

We will now take late checkins 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



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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 _____ BirthdaMonth ____ 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 _____