

DELTA AMATEUR RADIO CLUB

SPARKS

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



Welcome to the Delta Amateur Radio Club

Visit our home on the web at: <http://www.deltaclub.org>
Send comments to darc4you@gmail.com

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

NEXT CLUB MEETING

DATE: December 9, 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: “Christmas Pot Luck Dinner”

REMINDER: December is our annual Pot-Luck dinner meeting. Please remember to bring a covered dish.

ALSO, remember, there will be NO TESTING IN DECEMBER.

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

PRESIDENT'S CORNER

By: Joe Wray WD4GXI

Can you believe 2014 is almost over? When you get as old as me it seems as if time accelerates. I hope everyone is having a wonderful holiday season so far and I hope everyone will be careful out there traveling. Remember even if you are only going across town it can be treacherous. We are having our annual potluck dinner again this year and I hope everyone can make it.

I want to thank all of our outgoing board members for their hard work this year and also the ones who are staying on for 2015. Every one of them has helped me a great deal this year. There is a lot of work that goes on behind the scenes to make the club function smoothly. I would also like to thank all the ones who have headed up the events this year. They have endeavored to make these events run smoothly and spread good will for amateur radio in the Mid South. I would also be remiss if I did not welcome the new additions to the board. I thank them for running and look forward to working with them in the New Year.

Hopefully I will see everyone at the meeting. Remember to check in the net at 8PM every night. Yes! I forgot! Say a word of thanks as you check in for all those wonderful hams that call the net. They devote a great deal time and effort to keep it running.

TREASURER'S REPORT

Submitted By: Rick Tillman WA4NVM

Beginning Balance	as of November 1, 2014	\$9,611.59
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Expenses

SERA	SE Repeater Asso.	\$30.00
Post Master	P. O. Box	\$132.00
Cash	November Gifts	\$400.00
Cash	Ticket Drawer	\$10.00
Party Works	Roll of Tickets	\$12.01
Lord of Life Church	Donation Class Site	\$200.00
Sam's	Snacks for Meeting	\$12.42

Total Expense	\$796.43
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SubTotal **\$8,815.16**

Income

Membership Dues	Year 2014	\$7.50
Membership Dues	Year 2015	\$280.00
Tickets	November Drawing	\$760.00
Estate Sales		\$21.00
Club Patch		\$5.00
Donations		\$165.00

Total Income	\$1,238.50
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Ending Balance	as of November 30, 2014	\$10,053.66
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Submitted by Rick Tillman WA4NVM

Certificate of Deposit #1	Balance	\$10,188.10
Certificate of Deposit #2	Balance	\$5,025.00
Total DARC Assets	Balance	\$25,266.76

BOARD MEETING MINUTES

November 4, 2014 - Presented by: Tom Raggett KJ4LMH Secretary

Present: Richard Martin, Rick Tillman, Bill Stevens, Tom Raggett, Mchael Knight, David Campbell

- Meeting refreshments—It was noted that some had been contributing to the refreshment fund that does not exist. The refreshments are free and should not be purchased.
- Food for December meeting—Rick Tillman made motion that the club buys two hams for the December pot luck dinner. Richard Martin seconded the motion. Motion approved. Tom Raggett will purchase two hams, cook them and bring them to the meeting.
- Treasurer's Report—Rick Tillman presented the Treasurer's report. Tom Raggett made motion to accept, Bill Stevens seconded. Motion approved.
- Programs—David Campbell made motion that the club purchases a projector to be used for DARC functions in 2015. Michael Knight seconded. Motion approved.
- Facebook Page for DARC—Michael Knight volunteered to do a Facebook page for the club.
- DARC website—Michael Knight expressed concerns that the DARC website is old and out of date. Michael will explore redoing the website to bring it up to today's standards.
- Dues paid with PayPal—Richard Martin introduced the idea of paying dues with PayPal. Michael Knight and Rick Tillman will explore the possibility of paying with PayPal.
- Election ballot—Rick Tillman will do the election ballot to be used in the Officer elections at the next general meeting.
- Meeting adjourned—Tom Raggett made motion to adjourn, David Campbell seconded. Adjourned.

GENERAL CLUB MEETING MINUTES

November 11, 2014 - Presented by: Tom Raggett KJ4LMH

President Joe Wray called the meeting to order.

- Joe asked all Veterans to stand and be recognized. Joe asked for introductions.
- Minutes—Ham Hilliard made motion to accept minutes as written in SPARKS. Bill Covington seconded. Approved.
- Treasurer's Report—Rick Tillman presented the Treasurer's report. Ham Hilliard made motion to accept as read, Jeff Krause seconded. Approved.

- Facebook Page—Michael Knight constructed a Facebook page for the club. Search “Delta Amateur Radio Club”.
- New Business—Denise Ganucheau reminded everyone about the Lady’s Net. Jim Cissel asked for help taking down a 100ft tower. Contact Jim if you can help.
- St. Jude Marathon—As of November meeting time, Roger needed an additional 5 to 6 operators. The full roster of operators has been filled.
- Election for 2015 officers—There were no write-in candidates. Ham Hilliard made motion to accept the new slate of officers by acclamation. Rosalinda Melena seconded. Motion passed.
- Joe Wray introduced the new officers and reminded them to attend the next board meeting on December 2, 2014.
- Training—There was a Tech class that started on November 10, 2014. There will be an Extra class starting the 2nd Saturday in January 2015.
- Drawing—Drawing was held for the November prizes.
- Adjourn—Jeff Krause made motion to adjourn, Ham Hilliard seconded. Meeting adjourned.

AMATEUR HARDWARE UPDATE

By: James Butler - KB4LJV

Many time the quality of our audio makes a difference when copying morse code or working voice. Home stereo systems offer adjustable treble and bass controls along with a loudness switch to boost audio frequencies. They also have a balance adjustment to dial in the sound from two speakers to even the audio where you are sitting. Ebay has several venders offering completed PC boards with these functions. By hooking these up to a low level output of the radio adding a final amplifier board you can have fully adjustable audio for you radio. Most of these boards have knobs for the variable resistors. I added 3.5 MM plugs on mine along with a power supply. You can get these for around \$10.00. I can now adjust the audio to reduce hiss and get the bass and treble set to my preference. You can find these on Ebay by searching tone board at <http://www.ebay.com/>



AMATEUR PACKET UPDATE

By: James Butler - KB4LJV

Sometimes we buy used radio equipment. Unless we have an old ad for the radio, it is hard to get exact specs on power, frequency coverage and modes. A good website which has lot of information on radios is "RIGREFERENCE". They have pictures and specifications for all the older radios. Rig Reference goes back to radios built in the 1950s. They also post an estimated price on the used market as a guide. For good information on lots of older radios check out "RIGREFERENCE". Their website is <http://rigreference.com/>

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 IN PROGRESS

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

Tech Class 5-14 is being held on 4 Monday nights from 6:15-9:30pm between November 10th and December 15th with the FCC exams to be given on December 8th. Classes are being held at EMHC ambulance service office at 6972 Appling Farms Parkway, Memphis. There are seven registered in the class. It has been kept small with a change in trying a new format by using Hamtestonline as one of the teaching aids.



Pat Lane W4OQG instructing Tech Class 5-14 students on the J-pole antenna during the Antenna and Feedline class. Elmer Tom Ernest N4LIA is observing. Students from left to right, Jim Myers, Randy Brown, and Chuck Laminack

Photo by Joe Lowenthal WA4OVO

CLASSES PLANNED

Extra Class 1-15 – January 10 – February 14, 2015

An Extra class will be presented on six Saturdays from 9am-1pm from January 10th to February 21st except for January 24th if there are at least six students are wanting to attend. Currently there are five hams that have indicated an interest in the class. 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.

General Class 2-15 February 28 – April 11, 2015

A General class is being planned to start February 28th until April 11th except March 14th on five Saturday mornings from 9am-1pm. The last class time is for the FCC exam, which will be offered in the morning at FreeFest. There needs to be at least 10 students for the class. 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. 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, 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.

COMPLETED CLASSES

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.

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.

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 D-Star.



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



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



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 Delta Amateur Radio Club
December 2014 Sparks
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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 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, Dan 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.

AMATEUR ENFORCEMENT “VERY MUCH ALIVE”

Submitted by: Joe Lowenthal WA4OVO

Riley Hollingsworth to North Carolina Club:
Amateur Enforcement "Very Much Alive"

Former FCC Special Counsel for Enforcement Riley Hollingsworth, K4ZDH, told the [Forsyth Amateur Radio Club](#) that the FCC is still active in the Amateur Radio enforcement arena, even though it's not always apparent. He spoke to the Winston-Salem, North Carolina, club on November 10.

"You may not think so, but enforcement is very much alive," said Hollingsworth, who- although retired -- still keeps up with goings on at the FCC and with the enforcement activities of his successor, FCC Special Counsel Laura Smith. "You just don't hear a lot about it, as you used to," he said, because ham radio news media report only the "big announcements" these days. During his tenure, Hollingsworth routinely released preliminary letters of inquiry and warning notices to radio amateurs suspected of breaking the rules. Now, he said, the FCC is using "the IRS model" of releasing information, partly in response to privacy considerations.

"You only see final actions [now]," he said. "So, you don't think a lot's being done, but it's all behind the scenes, and you don't know about it."

What is *not* helpful, he told the club members, is emailing or writing Laura Smith or the FCC proper to demand Commission attention to particular enforcement issues. Hollingsworth said the FCC has received "nasty emails to FCC personnel" concerning suspected ham radio rule breaking.

"I'm talking about horrible e-mails, threatening e-mails, threatening to the degree that the security office sometimes gets involved," he said. "We've got to stop this." Hiding behind the anonymity of the Internet, he stressed, gives some within the FCC a bad impression of ham radio and could prove counterproductive.

In remarks now familiar to many who have heard him speak at Dayton Hamvention and elsewhere, Hollingsworth also warned his audience members against getting into on-the-air spats with rude or careless operators.

"Don't engage people, and don't humor the idiots," he said. "Stupidity can't be regulated, no matter how good the rules are. Just turn the big knob. Every rig has one."

Hollingsworth's complete talk appears as [Episode 174](#) of the online Amateur Radio television series [HamRadioNow](#), produced by Gary Pearce, KN4AQ. Read [more](#). -- *Thanks to HamRadioNow and Gary Pearce, KN4AQ*



Riley Hollingsworth, K4ZDH, addresses members of the Forsyth Amateur Radio Club in Winston-Salem, North Carolina. [Courtesy of HamRadioNow]

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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 901-388-6166
kd4noq@arrl.net

Director of Meetings & Special Events:

Richard Martin – K4DXF (Volunteered as Interim to finish out the year)
901-372-3722
k4dxmf@att.net

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	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)		7:30p	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 (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 146.2 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 course 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 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 nine-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



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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 _____