

# DELTA AMATEUR RADIO CLUB

# SPARKS

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



## Welcome to the Delta Amateur Radio Club

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

<b>W4BS</b>	
<b>REPEATER SYSTEM</b>	
146.820 <sup>-107.2</sup>	147.360 <sup>-107.2</sup>
224.420	443.200 <sup>+107.2</sup>

## NEXT CLUB MEETING

- DATE:** April 8, 2014 (2<sup>nd</sup> 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:** "EchoLink®"  
Presented by: Michael Knight KK4IOH

**VE TESTING:** Don't forget the monthly Volunteer Examiner 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](mailto:wc9s@att.net)

Congratulations to Patrick Yarbro KK4YGS, John Carpenter KG5AGY, Harold Perry KK4YGT, and Randy King KK4YGU for earning their Technician license; to Jan Sporre KK4VQA and Doug Sporre KK4VQB for upgrading to General; and to William Forrester KV4VG (formerly KK4WNP) for upgrading to Extra at the February 11<sup>th</sup> Delta Club test session. Congratulations to Barri Munday WB4SWP for upgrading to General at the March 10<sup>th</sup> test session.

## PRESIDENT'S CORNER

By: Joe Wray WD4GXI

Well, here it is the first of April. Can you believe the first quarter of the year has come and gone? We received a letter from St. Jude Children's Hospital thanking us for our communication volunteers, even though the race was cancelled.

We have some great things to look forward to starting this month with the Memphis FreeFest April the 12<sup>th</sup> and the March for Babies at Shelby Farms on the 26th. I hope everyone has bought some tickets for FreeFest. Remember, all proceeds go to LeBonheur Children's Hospital. This is just one more way the hams can reach out to the community. Lets also not forget that the Dayton Hamvention is just around the corner in May. For those of you that have never been, it is a fantastic event that every ham should experience, at least once. It is also not too early to start saving your change for the Huntsville Hamfest in August. Joe WA4OVO has already started checking into getting the bus for that trip. I know it is April, but you didn't think these things just magically happen over night, did you?

I want to thank all 70 plus people at last months meeting. We had a fantastic program given by Glen Popiel KW5GP. He gave us some breaking news on his new book due for release by the ARRL at the Dayton Hamvention. I am looking forward to that and to hear him again at Dayton. You see, if you had been at the March meeting, you would have seen a preview of one of the Dayton seminars. Don't miss this month's meeting. We have none other than our Vice President, Michael Knight KK4IOH, with a program about EchoLink®. I think that will be really interesting.

If you get a chance, give David Campbell KD4NOQ, a thanks for the great programs this year. As I said before, these things don't just happen. There is a lot of planning months in advance. We welcome others to help. Have an idea and a solution-give a board member an email or a call.

73 and have a great month

## TREASURER'S REPORT

Submitted By: Rick Tillman WA4NVM

<b>Beginning Balance</b>	<b>as of March 1, 2014</b>	<b>\$9,943.97</b>
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### Expenses

Howard's Donuts	SwapFest	\$55.20
<b>Total Expense</b>		<b>\$55.20</b>
SubTotal		<b>\$9,888.77</b>

### Income

Membership Dues	Year 2014	\$455.00
Tickets	November Drawing	\$45.00
Club Patch		\$5.00
Donated Gear		\$616.00
<b>Total Income</b>		<b>\$1,121.00</b>

<b>Ending Balance</b>	<b>as of March 31, 2014</b>	<b>\$11,009.77</b>
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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	\$26,197.87

## BOARD MEETING MINUTES

March 5, 2014 - Presented by: Tom Raggett KJ4LMH Secretary

- Present: Rick Tillman, Bill Stevens, Michael Knight, Joe Wray, David Campbell, Tom Raggett, Joe Lowenthal, Denise Ganucheau
- Swap Meet will be held March 15, 2014, 8am to 12pm at Ellendale Church of Christ.
- Programs—David Campbell reported that Glen Popiel will give presentation on the Arduino Micro Controller. Denise Ganucheau requested that we have a program on the various building code rules for the different communities. David will research.
- Treasurer Report—Rick Tillman presented the Treasurer's report. The Board approved the report.
- Kenwood 850—There was a discussion about whether to sell the Kenwood 850 retrieved from an estate. After much discussion Tom Raggett made motion that we sell, Rick Tillman seconded, motion passed. We sell the Kenwood 850.

- Grand Prize at yearend drawing—Joe Lowenthal made a motion that only a club member can win the Grand Prize at the yearend drawing, Michael Knight seconded, motion passed.
- Training—There is a Tech class beginning March 10 and ending April 14.
- Presidents Jackets—Joe will continue research sizes, colors and prices.
- Antenna Trailer—There was much discussion on selling the antenna trailer. There were many different options. One option was to break it into components and sell separately. No final decision on any option, although we will try to price the individual pieces. No one took responsibility to get the prices. More discussion required.
- Web site—Web site has been updated and Joe Lowenthal is reviewing and correcting any errors.
- Meeting adjourned.

## GENERAL CLUB MEETING MINUTES

March 11, 2014 - Presented by: Tom Raggett KJ4LMH

- Present Joe Wray called meeting to order and urged everyone to sign in. Introductions were held.
- Minutes--Correction to the February minutes—The Tour de Cure bike ride will be held on May 31. The date was in error on the February minutes. Ham Hilliard made motion to accept the minutes as corrected and Bill Covington seconded. Minutes approved.
- Treasurer Report—Rick Tillman presented the Treasurer's Report. Bill Covington made motion to accept and Ham Hilliard seconded. Report was approved.
- St. Jude Marathon—The Club received a letter from St Jude fundraising thanking us for our support of the marathon. Even though it was not held there were several club members on site when it was cancelled.
- Testing—1 person tested and passed General license.
- Mt. Nebo contesting—DARC group placed 10<sup>th</sup> nationally and 4<sup>th</sup> in our Division.
- FreeFest—Tony Brignole reported that FreeFest on April 12 was 100% full. There is still room in the Flea Market area. Tony urged everyone to pass the word and to buy and sell tickets for the drawing. Presale of tickets is very important. All proceeds will go to LeBonheur Children's Hospital.
- Training—There is an Extra class to complete on April 12. There is a Tech class to complete on April 14. There will be another Tech class scheduled after July 4<sup>th</sup>.

- Swapfest—Joe Wray reminded everyone of the Swapfest to be held March 15, 2014 at Ellendale Church of Christ.
- Program –Glen Popiel did presentation on the Arduino Micro Controller.
- March for Babies—The March for Babies will be held on the last Saturday in April. The date is April 26. Need 20 volunteers, see Joe Lowenthal to sign up.
- Drawing—Roger Schlichter (wr4r) won the door prize.
- Meeting adjourned.

## AMATEUR PACKET UPDATE

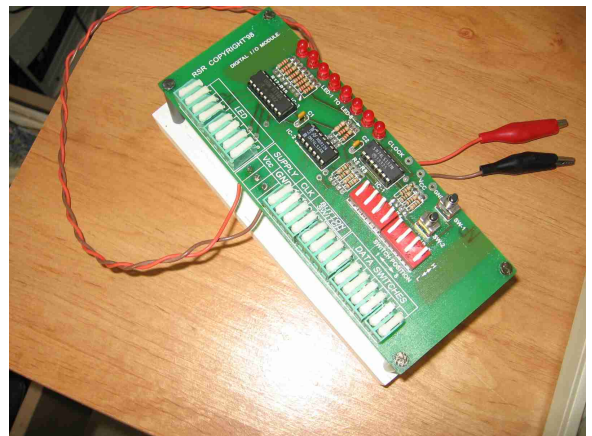
By: James Butler - KB4LJV

Many times when we build up our own wire antenna we need a Balun to go from the unbalanced coax cable to the balanced antenna. One company that carries a lot of these is DX Engineering. They have several brands that they carry. They offer the COMTEK Jerry Sevick W2FMI Series Current Baluns as part of their line. These are available in different power levels and in 1:1 and 4:1 configurations. They will insure efficient transfer of signal to the antenna. They are built up in a weatherproof box and use stainless steel mounting hardware. To see the full line of Baluns at DX Engineering check out their website at [www.dxengineering.com/](http://www.dxengineering.com/)

## AMATEUR HARDWARE UPDATE

By: James Butler - KB4LJV

Many times we want to program Microprocessors to do things for us. To check the circuits out, we need a test board to hook up the input switches and output LEDs to check for proper program operation. The Input/ Output test board is made by RSR Electronics. It is in KIT form and is a good practice exercise for soldering on PC boards. The board has terminal strips to make connections to the microprocessor board inputs and outputs. It also has power supply connections to run the LEDs. It also has a clock output. Eight switches on the board are on/off style. They also have 2 pushbutton momentary switches on the PC board. The LEDs already have the current limiting resistors wired in on the board. I also wired in clips to hook up to a power supply and mounted it on a small wood board. The website for the board is [http://www.elexp.com/tst\\_0dig.htm](http://www.elexp.com/tst_0dig.htm)



## 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*

0 Technician  
8 General  
1 Extra

Note: The question pool for the Technician Class license exam in The ARRL Ham Radio License Manual Revised Second Edition will expire on June 30, 2014. The new manual is the Third Edition which will be available in late May from ARRL.

#### **CLASSES SCHEDULED**

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

Tech Class 4-14 will be held on 6 Monday nights from July 14<sup>th</sup> to August 18<sup>th</sup> at Lord of Life Lutheran Church at 6865 Poplar Pike just east of Kirby Parkway. If you are interested, send an email to Joe Lowenthal at [wa4ovo@gmail.com](mailto:wa4ovo@gmail.com) with Tech Class in the Subject line and name, email address and cellphone number in the text. Pre-registration is required. The text for the course will be the new The ARRL Ham Radio License Manual 3<sup>rd</sup> Edition which will be available from ARRL in late May and becomes effective July 1, 2014 for four years.

#### **CLASSES IN PROGRESS**

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

Tech Class 3-14 is being held on 6 Monday nights from March 10<sup>th</sup> to April 21<sup>st</sup> at EMHC ambulance offices at 6972 Appling Farms Parkway. Ten students were registered with only seven continuing. The instructors are Pat Lane W4OQG and Joe Lowenthal WA4OVO. The Elmers are Casey Nepa NO1NO, Tom Ernst N4LIA, and Geoff Wilson KV4LE.



Extra Class 2-14 Instructor Dean Honadle with the class  
Photo by Joe Lowenthal WA4OVO

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

Extra Class 2-14 is being held on 6 Saturdays from February 22nd until April 12<sup>th</sup> from 9am-1pm at EMHC ambulance offices at 6972 Appling Farms Parkway and the FCC exam at . The students are Art Barnett WA4PSS, Jimmy Butler KK4SZQ, Dorothy Cantrell KF5TAV, Tommy Ferrer Poratta K4VOZ, James Jones KI4HTC, Janet Kelly KK4PRT, Jerry King KD4EYU, Michael Knight KK4IOH, Ray Phetteplace KJ4SBC, Chuck Pigue KK4NEO, Dean Plessala KC5RDP, and Sue Plessala KF5ZJI. The instructors are Ed Arndt KV4LF, Dean Honadle N2LAZ, Pat Lane W4OQG and Joe Lowenthal WA4OVO. Dan Lasely NE7JN is 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 17<sup>th</sup>.

### 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 "Technician Class" and give name, email address, and a contact phone number (preferably a cell number). Or you can go to the Delta Club webpage [www.deltaclub.org](http://www.deltaclub.org) click on Training Classes; then click on Technician Class & 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, Revised Second Edition* with sample test CD, product #0977, ISBN 978-0-87259-097-7 (red-brick colored cover) is strongly suggested, as well as study of the 396 question and answer Technical Class License question pool. You can purchase it online from [www.msars.com](http://www.msars.com), [www.arrl.org/catalog](http://www.arrl.org/catalog), on [Amazon.com](http://Amazon.com), or possibly Barnes & Noble booksellers.

The current Technician Class License question pool, which was approved by the NCVEC on February 1, 2010, can be seen at <http://www.ncvec.org/page.php?id=356>. Testing for this question pool started July 1, 2010 and is valid through June 30, 2014.

Practice tests are highly recommended. The [www.qrz.com](http://www.qrz.com) website is free. To access the sample tests, go to [www.qrz.com](http://www.qrz.com). From the QRZ home page click on **RESOURCES** in the blue band on the top right. Then click on 2010 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 396 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](http://www.hamstudy.org)
- [www.aa9pw.com](http://www.aa9pw.com)
- <http://kb0mga.net/exams>
- <http://copaseticflow.blogspot.com/2010/06/technician-class-practice-test-gadget.html>
- [www.qrz.com](http://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](mailto:wa4ovo@arrl.net) with subject line "General Class." Or you can go to the Delta Club web page [www.deltaclub.org](http://www.deltaclub.org); click on Training Classes; then click on General Class to send me an email with 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](mailto:alan.proffitt@comcast.net), will help 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](http://www.deltaclub.org); click on Training Classes; then click on Extra Class to send an email with name, email address and contact phone, preferably cell number, to Joe Lowenthal, WA4OVO, at [wa4ovo@arrl.net](mailto: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 10<sup>th</sup> Edition*, ARRL product #5170, ISBN 978-0-87259-517-0.

## COMPLETED CLASSES

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

General Class 1-14 began on January 4<sup>th</sup> for 6 Saturdays from 9am-1pm through February 15<sup>th</sup>. 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. Eight 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, Jan Sporre KK4VQA and Steven Wiley WB4PAG. The Delta Club VE team led by Bill Stevens WC9S provided the ARRL FCC testing on February 15<sup>th</sup>. Thanks to Bill Stevens WC9S, Ed Arndt KV4LF, Jeff Krause AJ4GY, Ken Laseter KI4AOH, Ray Turner AE0AE, David Webb KV4QI, and Joe Lowenthal WA4OVO.



**DANGEROUS GOODS & HAZARDOUS MATERIALS GUIDE**

Submitted by: Joe Lowenthal WA4OVO

Dangerous Goods and Hazardous Materials Identification Guide

Are you interested in knowing what is carried in that truck in front of you with that hazardous material placard? Here is a website which gives you that information.

[www.phe.gov/emergency/responseguide/Pages/default.aspx](http://www.phe.gov/emergency/responseguide/Pages/default.aspx)

**MARA FREEFEST  
REMINDER**

**MARA FreeFest  
(Yes a Free Hamfest)**

**Saturday April 12, 2014**

**9 am to 3 pm**

**Bartlett Station Municipal Center**

**5868 Stage Road Bartlett, TN - North side of Stage Road just west of**

**Bartlett Blvd by the railroad tracks**

**Admission Free**

LIST of MAIN PRIZES

Description	\$ Value	Donor
D-Star Mobile Unit	\$500	Leading Edge Communications
Apple IPAD 16 GB	\$500	Turner Construction
Apple IPAD-Mini 16 GB Wi-Fi	\$400	Johnson Controls
\$250 Gift Card for Sam's/Wal-Mart	\$250	Sam's & Lance Morris
Yaesu FT2900 75 Watt 2 Mtr Mobile	\$175	Bullfrog Net
TenTec 80 Mtr CW Kit	\$125	Delta Amateur Radio Club
MFJ-4225 20 Amp Power Supply	\$125	MFJ
\$100 Gift Card Bass Pro	\$100	Linda and Ray Ware
\$100 Gift Card to Flemings Steak House	\$100	Rosalinda Melina & Steve Smith
	\$2275.00	

An additional prize, a 42" TV, was received after the tickets were printed. The TV drawing will be at approximately 12:30pm and you will have to be present to win.

VE testing until 11am, Seminars Noon to 3 pm

**PUBLIC SERVICE EVENTS COMING UP  
APRIL & MAY**

Submitted by: Joe Lowenthal WA4OVO

**Saturday April 26th March for Babies – 4-1/2 mile walk**

Sponsor: March of Dimes

Website: [www.marchofdimes.com/tennessee/events/10226\\_3135323834.html](http://www.marchofdimes.com/tennessee/events/10226_3135323834.html)

Ham Operator Times: 6am-12 noon

Location: Shelby Farms

Need: 13 more operators

Requirements: Handheld radio on VHF simplex

Contact: Linda Laseter KJ4CTX

Email: [llaseter@laseterinc.com](mailto:llaseter@laseterinc.com)

Cellphone: 901-268-1766

**Saturday May 31th Tour de Cure - 10mile/40mile/62mile/100mile bike rides**

Sponsor: American Diabetes Association

Website: [http://main.diabetes.org/site/TR/TourdeCure/TourAdmin?fr\\_id=9367&pg=entry](http://main.diabetes.org/site/TR/TourdeCure/TourAdmin?fr_id=9367&pg=entry)

Ham Operator Times: 5:30am-3pm

Location: Mud Island to Shelby Forest/Tipton County and back

Requirements: Mobile radio

Contact: Denise Ganucheau KJ5DG

Email: [kj5dg.denise@gmail.com](mailto:kj5dg.denise@gmail.com)

Home: 248-4806 Cell: 504-919-9635

**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](http://www.tn.gov/revenue/forms/titlereg/f1312601Fill-in.pdf)

## TWO MEN KILLED BY TOWER COLLAPSE

Submitted by: Denise Ganucheau KJ5DG

3/26/2014

Two men from St. Charles County killed when communication towers collapse in Kansas - News

**ST. LOUIS POST-DISPATCH**

### Two men from St. Charles County killed when communication towers collapse in Kansas



6 HOURS AGO • BY KIM BELL KBELL@POST-DISPATCH.COM 314-340-8115

**BLAINE, Kan.** • The two men killed Tuesday when two communication towers collapsed in Kansas were from St. Charles County.

Martin Powers, 38, of St. Charles, and Seth Garner, 25, of St. Peters, worked for a company called Wireless Horizon.

Before 9:30 a.m. Tuesday, two towers collapsed in the town of Blaine in northeastern Kansas.

Pottawatomie County Sheriff Greg Riat said the workers were on the older tower, dismantling it, when it went down.

Riat said the men were more than 250 feet off the ground when the towers collapsed. Powers died at the scene. Garner was rushed to a local hospital, where he died.

Riat said the men were removing equipment from the old tower when it came down. They were both wearing safety equipment, Riat said.

Two other workers were on the ground and saw the accident, Riat said.

Riat said the cause of the collapse is under investigation by his office and the U.S. Occupational Safety and Health Administration.

"We document everything very well, and OSHA is going to come in and take a look at it," the sheriff added.

A man who answered the phone at Wireless Horizon would not comment Wednesday.

[http://www.stltoday.com/news/local/crime-and-courts/two-men-from-st-charles-county-killed-when-communication-towers-collapse/article\\_d950b665-2d05-540d-b8e5-b9d...](http://www.stltoday.com/news/local/crime-and-courts/two-men-from-st-charles-county-killed-when-communication-towers-collapse/article_d950b665-2d05-540d-b8e5-b9d...) 1/1

## 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  
Memphis, Tennessee 38184-2768

### **2014 BOARD OF DIRECTORS**

***President:***

***Joe Wray WD4GXI***  
***901-246-6113***  
[wrayjoe@yahoo.com](mailto:wrayjoe@yahoo.com)

***Vice-President:***

***Michael Knight KK4IOH***  
***901-832-8636***  
[kk4ioh@arrl.net](mailto:kk4ioh@arrl.net)

***Secretary:***

Tom Raggett – KJ4LMH  
901-517-0492  
[kj4lmh@gmail.com](mailto:kj4lmh@gmail.com)

***Treasurer:***

Rick Tillman – WA4NVM  
901-268-7047  
[wa4nvm@comcast.net](mailto:wa4nvm@comcast.net)

***Director of Training:***

Joe Lowenthal – WA4OVO  
901-628-4318  
[wa4ovo@yahoo.com](mailto:wa4ovo@yahoo.com)

***Director of Publications:***

Kenneth Laseter – KI4AOH  
901-853-0400  
[kmlaseter@laseterinc.com](mailto:kmlaseter@laseterinc.com)

***Director of Programs:***

David Campbell – KD4NOQ  
901-388-6166  
[kd4noq@arrl.net](mailto:kd4noq@arrl.net)

***Director of Meetings & Special Events:***

***Denise Ganucheau KJ5DG***  
***901-248-4806***  
[kj5dg@arrl.net](mailto:kj5dg@arrl.net)

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

## HAM FESTS OF INTEREST

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

## 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](mailto:kmlaseter@laseterinc.com).

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

## MEMPHIS AREA VHF/UHF NETS

Net Name	Freq. MHz	Local Time	Day
Mid-South Barefooted Bullfrog net	146.535	7:30p	Daily
<b>Delta Club Traffic and Information Net</b>	<b>146.820 - (107.2)</b>	<b>8:00p</b>	<b>Daily</b>
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
<b>Collierville CERTPlus Net</b>	<b>444.125 + (107.2)</b>	<b>7:00p</b>	<b>W</b>
TAC 2 Net	224.420 -	8:30p	Th
ARES Training Net	146.880 - (107.2)	9:00p	Th

## 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 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. Acopy 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 dosed. 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  
146.82- 147.36+ (107.2Hz tone)  
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		
<b>\$50.00</b>			<b>\$25.00</b>			<b>\$15.00</b>			<b>\$10.00</b>		
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 \_\_\_\_\_