

# SPARKS

P.O. Box 342768 \* Memphis, Tennessee 38134-2768 \* Volume 21 \* October 2015



## Welcome to the Delta Amateur Radio Club

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

EMAIL: [darc4you@gmail.com](mailto:darc4you@gmail.com)

Facebook: <https://www.facebook.com/darcmem>

## W4BS

### REPEATER SYSTEM

146.820<sup>-107.2</sup> 147.360<sup>+107.2</sup>

146.625<sup>-107.2</sup> 443.200<sup>+107.2</sup>

224.420<sup>-</sup>

## CLUB MEETINGS (7:00 PM, 2<sup>nd</sup> Tuesday of each month)

**NEXT DATE:** October 13, 2015

**PLACE:** Ellendale Church of Christ, 7365 Highway 70  
Memphis, TN ( 1 ½ miles north of Hwy. 64 – Stage Road)

**PROGRAM:** "Tuned Cavities and Tuning Stubs" by Russ Meyers, WD4JHD

**FCC Amateur Radio License Testing:** Delta Club FCC testing sessions are held every month except December. 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. You need to know your FCC Registration Number (FRN) if one has been issued. Please be on time for registration; this is to allow our Volunteer Examiner (VE) team to finish in time to attend the club meeting. 2015 test fee is \$15 (cash or check). Individuals who successfully test for their initial FCC license grant at a Delta Club test session or through a Delta Club training class will receive a complimentary individual club membership for the remainder of the current calendar year; when they also show proof of ARRL membership. For more information, please contact:

Jeff Krause, AJ4GY - VE Liaison

Phone: 901-301-6776

Email: [AJ4GY@comcast.net](mailto:AJ4GY@comcast.net)

Congratulations to our successful FCC licensing candidates at the September club meeting test session: Betty Talley, KM4MRU; Russ Chatham, KM4MUG; James Winter, KM4MRR (upgrades to General); and Christopher Henson, KM4NIX (Technician).

## PRESIDENT'S CORNER

Submitted by: Joe Wray, WD4GXI

Hello everyone. I hope this little cools snap is pleasing everyone.

While NE5BO on Mt Nebo didn't do as well in the September contest as the two previous years, we did not miss a single meal (which by the way - were really great). We could not have asked for a better five days. The weather and fellowship were fantastic. I think we had about 8 Delta Club members there out of about 12 regulars, plus we had a few Hams who just dropped in for a short stay.

I would like to remind everyone that we will introduce the slate for 2016 officers at the October meeting. Anyone who qualifies and would like to throw his or her hat in the ring is welcomed to do so. The Election will be held at the November meeting. This reminds me that I just have to again thank the committee of Art Barnett, WA4PSS; Tom Dichiara, AC5MR; and Dan Lasley, NE7JN for their hard work and dedication in creating this slate of prospective officers and board members. THANKS!

Now - speaking of elections; if you live in Memphis, don't forget to vote Thursday Oct 8<sup>th</sup>. By the time you read this, early voting will be over. I hope to see everyone at the meeting and as always be sure to check into the net as often as you can.

73 - Joe Wray

## GREAT CENTRAL U.S. SHAKEOUT DRILL

Submitted by: David Webb, KV4QI



All area amateur operators are invited to check in on a special Fayette County Emergency Management Agency directed NET call on the **146.940** (no PL tone required) repeater on Thursday **10/15 at 10:15am**. Net will operate until at least 11:00am - no advance registration is required to check in on this net.

Please review your own preparedness plans for seismic events and join the activities as you practice suggested personal safety steps of **DROP, COVER, and HOLD-ON.**

For additional information and to register groups or individuals as part of the regional Shake-Out, please go to URL

[www.shakeout.org/centralus](http://www.shakeout.org/centralus)

*There will be a whole lotta' shakin' goin' on  
Don't get rattled by not being ready!*

## TREASURER'S REPORT

Submitted by: Rick Tillman, WA4NVM

<b>Beginning Balance</b>	<b>as of September 1, 2015</b>	<b>\$10,422.56</b>
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### Expenses

Hanover Insurance	Club Liability Insurance	\$196.37
DX Engineering	2 Repeater Antennas	\$385.90
Jim Sheats	Meeting Snacks	\$38.58

<b>Total Expense</b>	<b>\$620.85</b>
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SubTotal **\$9,801.70**

### Income

Membership Dues	Year 2015	\$30.00
Membership Dues	Year 2016	\$20.00
Tickets	November Drawing	\$15.00

<b>Total Income</b>	<b>\$65.00</b>
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<b>Ending Balance</b>	<b>as of September 30, 2015</b>	<b>\$9,866.70</b>
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Submitted by Rick Tillman WA4NVM

<b>Certificate of Deposit #1</b>	<b>Balance</b>	<b>\$10,280.23</b>
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<b>Certificate of Deposit #2</b>	<b>Balance</b>	<b>\$5,025.00</b>
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<b>Total DARC Assets</b>	<b>Balance</b>	<b>\$25,171.93</b>
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## **BOARD MEETING MINUTES**

7:00p – October 6, 2015 - Submitted by: David Webb, KV4QI

Officers and Directors Present: Joe Wray, WD4GXI – Rick Tillman, WA4NVM - Jim Sheats, KK4VGL – David Webb, KV4QI - Bill Stevens, WC9S.

1. Meeting called to order by J.Wray at 7:00pm
2. D.Webb volunteered to act on behalf of the Secretary in taking of the meeting minutes.
3. Treasurer's Report presented by R.Tillman. Motion to approve by D.Webb, seconded by J. Wray. Report approved by acclamation.
4. September BOD meeting minutes – Motion to approve as posted in SPARKS newsletter by D.Webb, seconded by J.Sheats. Report approved by acclamation.
5. There were no urgent matters before the Board of Directors, and formal discussions were deferred to future board meetings. Those present informally exchanged ideas regarding ongoing effort to dispose of the club's tower trailer, and potential candidates for yearly club awards. There was also a brief review of protocol to be followed for the November elections of club officers for 2016.
6. Move to adjourn made by J.Sheats and seconded by J.Wray. Meeting was adjourned at approximately 7:30pm.

## GENERAL CLUB MEETING MINUTES

September 8, 2015 - Submitted by: Barri Munday, WB4SWP

1. President Joe Wray, WD4GXI - called meeting to order with sad news on the passing of Valerie L. Schlichter, wife of Roger Schlichter, WR4R. With thoughts and prayers for Roger and members of his family, attendee introductions continued; 73 people were present.
2. August meeting minutes – Ken Laseter, KI4AOH- made motion to approve the minutes as published in the SPARKS Newsletter & Bill Covington, KC4SXT - seconded. Minutes approved by member acclamation.
3. Treasurer's report – Rosalinda Melena, WN2V made motion to approve as published in SPARKS newsletter and Ned Savage, KA4BLL - seconded. Report was approved by member acclamation.
4. Howard "Jelly" Thompson, N4HLT provided latest updates on the TN Emergency Management Agency (TEMA) Fall, 2015 AUXCOM event being conducted October 1-3, 2015
5. Art Barnett, WA4PSS; Dan Lasley, NE7JN; and Tom Dichiara, AC5MR were recognized and thanked for their outstanding work as the nominating committee for the 2016 Board of Directors election to be conducted at the November, 2015 club meeting.
6. Danny Banks, KJ4FXZ – made an announcement about the Oct 3, 2015 Bluff City Blues 100 Ride to Fight On fund raising event for the West Cancer Center.
7. Joe Lowenthal, WA4OVO – provided training activity updates and noted that there will be January, 2016 sessions on Saturdays from 9a-1p if at least six (6) people will sign up in advance. Joe asked that training candidates be considerate of those instructors/Elmers who volunteer to conduct these classes; by not waiting until last minute to register, and/or by showing up for their committed class sessions.
8. Sign-up sheets were available for a Mid-South Amateur Radio Supply conducted wire antenna training class being held on October 17, 2015.
9. Michael Knight, KK4IOH – presented slide show and spoke about getting started with JT65 on HF bands.
10. Darrell Sheffield, KK4D – reported results on a successful 2015 Bike MS: FedEx Rock-N-Roll fundraiser to fight Multiple Sclerosis.
11. Bill Stevens, W9CS - confirmed order placement for antennas and repeaters to be placed at the Methodist North Hospital, noting that contract personnel must be paid for tower climbing tasks (host facility liability requirement).
12. Motion to adjourn was made by Jeff Krause, AJ4GY - seconded by Rosalinda Melena, W2NV; meeting was concluded with approval and orderly departure of attendees.

## TEMA AUXCOM – FALL 2105

Text submitted and photos captioned by: David Webb, KV4QI  
Photos supplied by Bill Stevens, WC9S and William Hancock, WA4MJM

Fayette and Shelby County groups teamed up to participate in the Fall 2015 TN Emergency Management Agency AUXCOM (Auxiliary Communications) exercise, which was conducted from October 1-3, 2015. This event was also an ARRL TN Simulated Emergency Training (SET) exercise. Activities involved agencies across Tennessee and surrounding states, simulating events occurring 100 hours after a large scale New Madrid seismic event. It was a great technical learning opportunity for all involved, and if you weren't there, you missed many valuable personal relationship building opportunities. Shelby County hosted training classes at the Shelby County Office of Preparedness, 1075 Mullins Station Road, Building C, Memphis, TN 38134 on Friday morning, and then Fayette County participants returned to the Fayette County Emergency Operations Center to continue afternoon and Saturday operational periods for the exercise.

Howard "Jelly" Thompson, N4HLT – Germantown Fire Department – was Incident Commander (IC) at the Shelby County Office of Preparedness (upper photo). Steve Kellett, KF4SJU was IC for the Fayette County Emergency Operations Center participants (shown in 2 bottom photos).

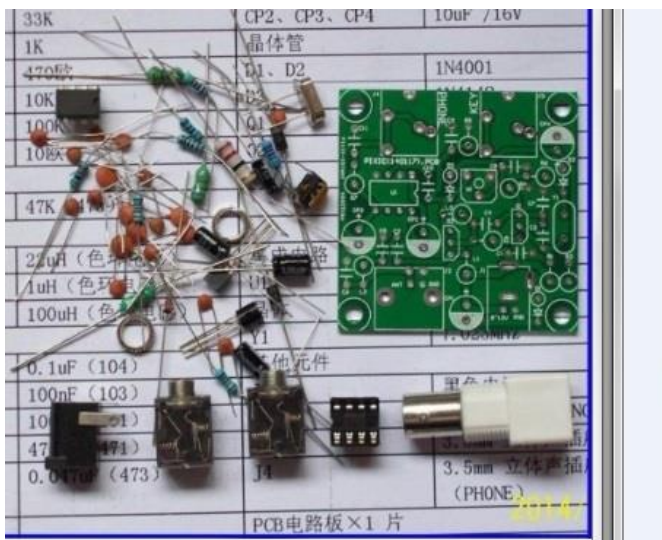


Tom and Robert operate Winlink; from left to right: Steve Kellett, KF4SJU; David Webb, KV4QI, Tom Diciara, AC5MR, and Robert Deeken, KK4JIC (Not shown from Fayette County (photographer and participant) William Hancock, WA4MJM and Ervin Ables, KU4K)

## AMATEUR PACKET UPDATE

Photo and Article Submitted by: James Butler, KB4LJV

Hams build kit radios for fun and to operate. Lots of QRP (low power) kits are on the market. A low cost Morse code transceiver for the 40 meter band is now made in China. The cost is under \$6.00 for the whole kit. This includes instructions, all parts needed, and the printed circuit board. The kit even has the 3.5 MM jack for the key, a barrel power connector, and the headphone jack along with a BNC connector to hook up to an antenna. The rig is a direct conversion receiver along with a transmitter that puts out 1.2 watts from a 12 VDC supply. This circuit is a copy of the famous PIXIE QRP radio amateurs have been building and playing with for years. The rig operates on 7.023 MHZ. This is a great simple project to get into kit building without spending a lot of money. For 5 to 6 dollars and free shipping this is a great deal. The picture shows components included, and parts list on the left -and the completed transceiver with all parts installed on the right side of the picture. An included LM386 chip must be plugged in the socket to complete the radio. Kit can be found on Ebay using search keywords “pixie qrp radio”.



## AMATEUR HARDWARE UPDATE

Photo and Article Submitted by: James Butler, KB4LJV

One American company building ham radios and accessories is Palstar. They have a line of automatic and manual antenna tuners. They carry a balanced line antenna tuner as well. Palstar sells a full line of antenna tuner parts so you can build your own tuner. Their inductor is built on a ceramic coil form with silver plated parts for good conductivity. Palstar also has an HF transceiver they sell. The TR30A transceiver they designed was the best new product at the 2013 Dayton Hamvention. They also have dummy loads and speakers. All of their equipment is top quality. If you want to look at all the Palstar products check out their website at <http://www.palstar.com/en/>

## HAM LICENSE TRAINING 2015

Submitted by: Joe Lowenthal, WA4OVO

*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 to Date in 2015 from Delta Classes*

21 Technician

8 General

7 Extra

### COMPLETED CLASS

*Article info/photos this page and next shared by Joe Lowenthal*

*Author's note: Info presented in the September SPARKS was in error and is corrected following:*

Tech class 4-15 was conducted July 9 - August 13, 2015 at the EMHC ambulance company training room with 15 enthusiastic students attending. Joe Lowenthal, WA4OVO; and Pat Lane, W4OQG were the instructors. Of particular note, the class was able to observe the variation of signal strength with different antennas on the same handheld radio when measured by a sophisticated spectrum analyzer. A question pool review and the FCC exams were offered on the fifth night of the class, August 6th.

Congratulations to Jim Winter, KM4MRR; Bryan Wiles, KM4MRS; Curt Warhurst, KM4MRT; Betty Talley, KM4MRU; Hunter Short, KM4MRV; Mike Harrison, KM4MRW; Tom Griffiths, KMRMRX; Len Grice, KM4MRY; Debra Bell-Pullen, KM4MRZ; and Joe Thomas, KG5IXG – each of whom earned their Technician license.

Congratulations also to Anthony Howald, KM4MSA; Ron Wiggins, KM4MSB; and Mary Amanda Nash, KM4MSC on passing both Technician and General exams.

Finally, but surely not least, a triple round of applause goes to Eric Pullen, KW4ME for passing his Technician, General and Extra Class license exams in one sitting!

Equipment demonstration presenters on August 13th were Michael Knight, KK4IOH on Echolink, D-STAR, Fusion and AllStar; Rick Pellicciotti, KJ4NWQ on APRS; Pat Lane on HF long-wire antenna, WinLink and MARS. Rick Tillman, WA4NVM demonstrated Satellite operations on an SO-50 pass on July 23rd.

Elmers for the class were Tom Ernst, N4LIA and Danny Banks, KJ4FXZ.

Thanks to the Delta Club VE team of Jeff Krause, AJ4GY; Stacy Krause, KJ4MDA; David Webb, KV4QI; Ray Turner, AE0AE; Scott Vanzandt, N2WMD; Henry Leggett, WD4Q; and Joe Lowenthal for giving of their time to work the test session.

We offer our continued thanks to EMHC ambulance company for generously providing their training room for the many ham radio classes given there.



## WORLDS FRIENDLIEST HAMFEST BUS TRIP

Submitted by: Joe Lowenthal, WA4OVO

Thirty nine souls ventured to the Von Braun Center for the Huntsville Hamfest on August 15, 2015; including five from the recent Tech Class 4-15. I believe everyone enjoyed themselves. There was no breakdown of the bus; however, we were disappointed that GigaParts did not have more equipment available. The Saturday seminars seemed to be very well attended. I attended Lightning Protection for Radio Amateurs by Monte Bateman, WB5RZX with the Marshall Spaceflight Center. He always has an interesting session. His main theme is that lightning takes the easiest path to ground.



Riders to the 2015 Huntsville Hamfest

Photo by Bill Stevens, WC9S

## CUB SCOUTS REQUEST HAM OPERATOR SUPPORT

Submitted by: Jim Cissell – KI4I; *photos clipped from Chickasaw Council and Internet by editor*

*From: Melissa Burnett (Melissa is the daughter in law of Bill Burnett, WA4IQL, Silent Key)  
Subject: 2015 American Radio Relay League (ARRL) Jamboree On The Air (JOTA)*

*I am one of the organizers of Akela Cub, a camping event for cub scouts age 6-11. This event is held at Camp Currier in Eudora, MS on Oct. 17th and again on Oct. 24th. It was brought to my attention that the ARRL Jamboree On The Air (JOTA) will be occurring on Oct 17th. We are wondering if any Hams in the area would be willing to come to Camp Currier to participate. (great FUN and free camp cooked chili dogs for anyone who would like to come help teach the kids a bit about amateur radio) ...*

*Please let me know if you can help!*

Thank You!

**Melissa Burnett** [mkamler@aol.com](mailto:mkamler@aol.com)

Ahoalan-Nachpikin Lodge

Adviser to Activities

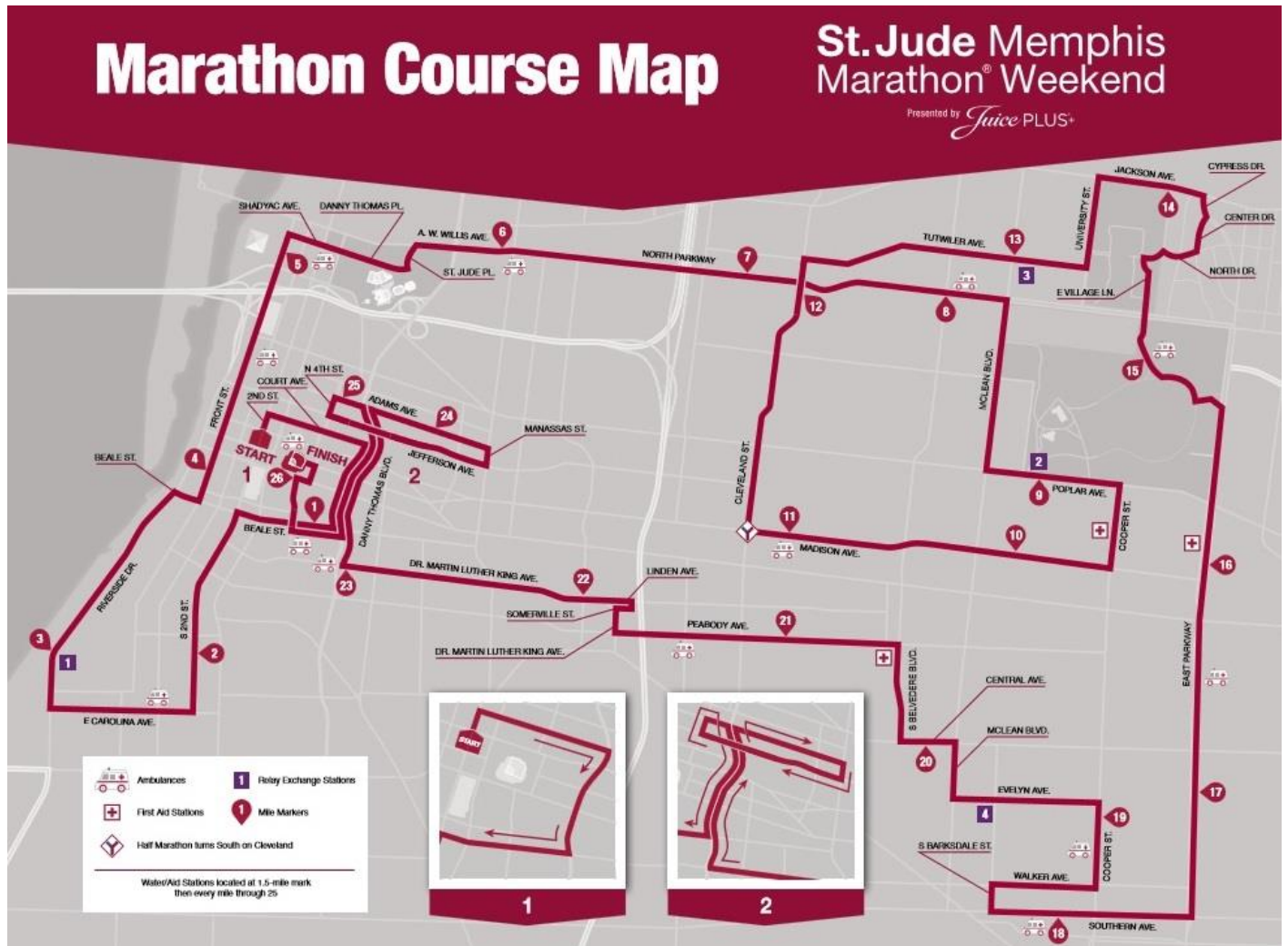
Akela Cub Co-Chair



# ST. JUDE MARATHON VOLUNTEERS NEEDED

Submitted by: Roger Schlichter, WR4R

The St. Jude marathon will be run downtown on the streets of Memphis on December 5, 2015. The course has changed this year and will include a run through a piece of American history. You'll pass the National Civil Rights Museum, Beale Street and Sun Studio and run through the St. Jude campus. If you can find the time in your schedule to support this event by providing communications, please contact Roger WR4R at [wr4r@bellsouth.net](mailto:wr4r@bellsouth.net)



## HAM LICENSE TRAINING 2015 (continued)

Submitted by: Joe Lowenthal, WA4OVO

### CLASSES SCHEDULED

*If you are interested in attending, send an EMAIL to Joe Lowenthal at [wa4ovo@gmail.com](mailto:wa4ovo@gmail.com) with the desired class name in the subject line, along with your name, EMAIL and (cell) phone number in the text.*

#### **Tech Class 5-15 – November 9 – December 14, 2015**

Tech Class 5-15 is scheduled to be held on six Monday nights from November 9<sup>th</sup> through December 14<sup>th</sup> at EMHC ambulance company training room, 6972 Appling Farms Parkway.

#### **Extra Class 1-16 – January 9 – February 20, 2016**

This class is scheduled for six Saturdays from 9am to 1pm at EMHC ambulance company training room, 6972 Appling Farms Parkway if six students commit to the class by December 15<sup>th</sup>. There will not be a class on January 30<sup>th</sup> due to the Capital City Hamfest held in Jackson, MS

#### **General Class 2-16 – March 5 – April 9, 2016**

This class is scheduled to start March 5<sup>th</sup> for six Saturdays from 9am to 1pm at EMHC ambulance company training room, 6972 Appling Farms Parkway.

You may want to do some pre-study by going to [www.KE0OG.net](http://www.KE0OG.net) On the right side he has links to Technician, General and Extra Class YouTube video training.

Alternative approach: If you want to check on class availability and/or to register for a future training class, go to URL [www.deltaclub.org](http://www.deltaclub.org) and click on the link under Training – registration form will guide you through needed information, and EMAIL will be automatically sent.

#### *Licenses Earned in 2014 from Delta Classes*

25 Technician

12 General

6 Extra

## 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

Alternative EMAIL address to generically offer Board your suggestions, ask questions, voice complaints is [darc4you@gmail.com](mailto:darc4you@gmail.com)

Please note that you must provide your name and call sign if you're requesting specific actions or personal follow-ups, and also be aware that any profane or mean-spirited comments will be unceremoniously discarded without consideration.

Delta Club Members Can Like Us/Follow Posts On Facebook!

<https://www.facebook.com/darcmem>

### **2015 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:**

Barri Munday, WB4SWP  
901-756-5259  
[annbarrimunday@att.net](mailto:annbarrimunday@att.net)

**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:**

David W. Webb, KV4QI  
901-465-8315  
[dwebb1518@gmail.com](mailto:dwebb1518@gmail.com)

**Director of Programs:**

Jim Cissell, KI4I  
901-326-5544  
[james4296@aol.com](mailto:james4296@aol.com)

**Director of Meetings & Special Events:**

Jim Sheats, KK4VGL  
901-756-0031  
[jdsheats@bellsouth.net](mailto:jdsheats@bellsouth.net)

**Repeater Trustee:**

Bill Stevens, WC9S  
[WC9S@att.net](mailto:WC9S@att.net)

**Immediate Past President:**

Rosalinda Melena, WN2V

*Board members beginning their service in 2015 are listed in red.*

*If you are interested in serving in any position on the 2016 Board of Directors and have not already expressed your interest, please let us know immediately. You are welcome to submit your name as a candidate\* for any elected position.*

*\*FCC licensed members whose current year dues are paid and have been in attendance at not less than 50% of the past twelve (12) meetings shall be eligible for the election to office during the regular November club member meeting.*

## FUTURE PUBLIC SERVICE EVENTS

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 email corrections to [dwebb1518@gmail.com](mailto:dwebb1518@gmail.com) .

<u>DATE EVENT</u>	<u>PUBLIC SERVICE EVENT</u>	<u>CONTACT INFORMATION</u>
December 5, 2015	<b>St. Jude Marathon</b> 26.2 mile run from downtown Memphis	Roger Schlichter, wr4r <a href="mailto:wr4r@bellsouth.net">wr4r@bellsouth.net</a>
January 2016	<b>SwampStomper 50k/25k</b> Run thru Meeman Shelby Forest	Contact TBD
April 2016	<b>March for Babies</b> 4 mile walk around Memphis Botanical Gardens March of Dimes fundraising event	Linda Laseter, kj4ctx <a href="mailto:lindalaseter@gmail.com">lindalaseter@gmail.com</a>
June 4, 2016	<b>Diabetes Tour de Cure</b> Start on Mud Island and ride thru Shelby Forest	Pat Lane, w4oqg <a href="mailto:w4oqg@bellsouth.net">w4oqg@bellsouth.net</a>

## TENNESSEE HAM RADIO LICENSE PLATE

Submitted by: Joe Lowenthal, WA4OVO

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

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

The application is at [www.tn.gov/revenue/forms/titlereg/fl312601Fill-in.pdf](http://www.tn.gov/revenue/forms/titlereg/fl312601Fill-in.pdf)

## NOTES OF POSSIBLE INTEREST

Submitted by David Webb, KV4QI

I was contacted by the Stone Mountain Hamfest group, who asked that we include their following promotional flyer in our communications, so here it is. The referenced URL supports an on-line ticket function.

The flyer is enclosed in a black border and features the following content:

- Top Section:** *Largest Hamfest in Georgia* in red, and *2015 Georgia Section Convention* in blue.
- Central Graphic:** A blue-bordered box containing:
  - Text: "GEORGIA'S LARGEST HAMFEST"
  - Text: "Sponsored by the"
  - Logo: "ALFRED MEMORIAL RADIO CLUB" with a mountain illustration and "STONE MOUNTAIN GA" below it.
  - Logo: "STONE MOUNTAIN HAMFEST" with a mountain illustration, "W4BOC" call sign, and "AND COMPUTER EXPO" below it.
  - Text: "November 7 & 8, 2015"
- QR Code:** A blue QR code on the right side of the central graphic.
- Location:** "Gwinnett County Fairgrounds. Lawrenceville, GA" in green text.
- Activities:** "TailGate, Flea Market, Forums, Door Prizes and Raffle" in black text.
- Website:** "www.StoneMountainHamfest.com" in black text.

### Got Membership?

Download the new and improved .pdf Delta Club Membership Application Form from the web at <http://www.deltaclub.org/application-15-3.pdf>

Thanks for Your Active Support of Delta Amateur Radio Club  
Membership Matters!

## NOTES OF POSSIBLE INTEREST

Submitted by David Webb, KV4QI

Charles D. Pigue II is a professional safe and vault technician. Mr. Pigue offered interested Delta Club members his technical advice on the subject of potential Electro Magnetic Pulse (EMP) and the potential effects on electronic safe locks typically found on higher-end gun/home storage safes. You may have heard of one such brand of dial based lock named Sargent and Greenleaf (often abbreviated to simply show "S&G")

*Just in case some of the members have their ham equipment or guns locked up in a gun safe with an S&G electronic lock, here are some published reports\* stating their locks (specific models tested) meet or exceed the highest government EMP test requirements. That being said, as a professional Safe and Vault technician, I would still recommend any locks guarding your Ham equipment or guns, be of a mechanical design or one that incorporates both a mechanical and electronic opening in which there are a few on the market.*

*Charles D. Pigue II:  
Locksmith, Physical Security Specialist  
GSA Certified Safe & Vault Tech/Inspector  
VAMC Police Service Lockshop*

\*pdf of 32 page test results may be downloaded at the following URL:

<http://www.sargentandgreenleaf.com/pdf/SGEmpTesting.pdf>

## Silent Keys - Memorials

Valerie L. Schlichter - wife of Roger Schlichter, WR4R - died September 2, 2015. Visitation was held on Tuesday September 08, 2015 at Bartlett United Methodist Church. Services were handled by Bartlett Funeral Home with interment at Memorial Gardens on Germantown Road.

As a neo-natal Intensive Care Unit nurse for 33 years at the Memphis hospital popularly known as the MED (now called Regional One Health), I believe Valerie knew quite a bit about angels. Our loss is Heaven's gain!

*submitted by David Webb, KV4QI*

*Please take a moment to honor the memory of those who have died, and keep members of their family and all of their friends in your thoughts and prayers ...*

## MEMPHIS AREA VHF/UHF NETS

Name of Net	Freq. MHz	Tone	Local Time	Day of Week
<b>Delta Club Information Net</b>	<b>146.820</b>	<b>- (107.2)</b>	<b>8:00p</b>	<b>Daily</b>
Mid-South Barefooted Bullfrog Net	146.535		7:30p	Daily
Secret Service Net	224.780		8:30p	Mon
Elmer Net	444.175	+ (107.2)	9:00p	Mon
The Short Winded Net	146.850	- (107.2)	8:30p	Tue
MedMERS Net	146.820	- (107.2)	12:00p	Wed
CERTPlus Net	443.200	+ (107.2)	8:30p	Wed
ARES Training Net	146.880	- (107.2)	9:00p	Thu
Super Sunday Niner Net	927.6125	- (146.2)	8:30p	Sun

**Delta Club sponsored Nets are shown in bold/dark blue font style**

## TENNESSEE HF NETS

Net Name	Freq. MHz	Local Time	Day of Week
Tennessee CW Net	3.563	7:00p	Daily
Tennessee Slow CW Net	3.682	7:30p	Tue-Sun
Tennessee Early Morn Phone Net	3.980	5:40a	Mon-Fri
Tennessee Morning Phone Net	3.980	6:45a	Mon-Fri
Tennessee Evening Phone Net	3.980	6:30p	Tue-Sun
Tennessee Alternate Phone Net	7.238		As needed
CUSEC (Center for United States Earthquake Consortium)	3.810		As needed
CUSEC (Center for United States Earthquake Consortium)	7.180		As needed



## DELTA CLUB ADVERTISEMENTS

See Advertisement Order Form for Instructions.



### **Mid-South Amateur Radio Supply**

*Serving the Mid-South's Ham Radio Operators...*

#### **Locally Owned**

Located in Bartlett, Tennessee

tel 901.371.9700

fax 901.266.3174

**SALES@MSARS.COM**

**WWW.MSARS.COM**

*\*Authorized LDG Dealer*

**Antennas** (HF, UHF and VHF) -  
Base, HT, Mobile and Wire

**Bulk Cable** - Ladder Line 300 &  
450 ohm and Rotor

**Bulk Coax** - RG-8U Mini,  
RG-58A/U and RG-213U

**Connectors** -  
UHF, SMA, BNC and 'N'

Full Line of **Antenna Tuners\***

**Patch Cables, Antenna Wire  
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## 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)



**Ben Richhart**  
Sales and Service Director

**Chick-fil-A at Paragon Place**  
6282 Poplar Avenue  
Memphis, TN 38119  
Phone: 901-766-1875  
Fax: 901-766-1878  
E-mail: ben@cfaparagonplace.com

*Please thank our sponsors by using their services and mentioning that you saw their ad in the Delta Club SPARKS Newsletter!*

*Special thanks to Mid-South Amateur Radio Supply for bringing out and helping set up radio equipment used at the Shelby County Office of Preparedness TEMA AUXCOM Fall 2015 exercise, and for consolidating a multi-vendor equipment acquisition package for Fayette County Emergency Management Agency office – If you need HAM equipment to get ready for the “big one” – they’re the local folks you should be talking to. Check ‘em out !!*

*This ad space is available*

*Thanks to Barry Pilkinton. KM4KSN and FedEx for again bringing out a mobile Express communications command vehicle. FedEx routinely demonstrates an unwavering level of support to help meet community needs in disaster preparation, damage mitigation and community recovery actions required at major disaster scenes across the U.S. and throughout the entire world!*

**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 months you want your ad to appear in Sparks.
2. Submit this completed order form, your camera ready ad, via email at [dwebb1518@gmail.com](mailto:dwebb1518@gmail.com)  
Make check payable to Delta Amateur Radio Club (DARC) at monthly Delta Club meeting, or send US Mail to club mailing address at P.O. Box 432768, Memphis, TN 38134-2768. Camera ready means that ad copy is exactly as you wish it to appear, scaled to fit within the dimensions specified below. Ads may be submitted in .gif or .jpg format, or submitted as a hard copy (we will scan and place your ad for you).
3. Your ad order and payment 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	Feb	Mar	Apr	May	Jun	July	Aug	Sept	Oct	Nov	Dec