

SPARKS

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



Welcome to the Delta Amateur Radio Club

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

EMAIL: darc4you@gmail.com

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

W4BS

REPEATER SYSTEM

146.820^{-107.2} 147.360^{+107.2}

146.625^{-107.2} 443.200^{+107.2}

224.420⁻

CLUB MEETINGS (7:00 PM, 2nd Tuesday of each month)

NEXT DATE: November 10, 2015

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

PROGRAM: DARC Club Officer and Director Elections for Calendar 2016

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

Congratulations to our successful FCC licensing candidates at the October club meeting test session: Russ Chatham, KM4MUG; Thomas Mulcahy, KM4MWR (upgrades to Extra); James Barber, KG5AVJ (upgrade to General); Tommy Gossett, KM4OEI – Technician.

Please remember that there will be no FCC testing session at the December club meeting.

PRESIDENT'S CORNER

Submitted for: Joe Wray, WD4GXI by David Webb, KV4QI

Joe's been out trekking in the wilds of Florida, and apparently they don't pump the internet in to wherever he's at. If he were here, he'd no doubt want to remind everyone about the importance of our November meeting elections, and (of course) the exciting annual prize award drawings. Don't miss the date – it's a once a year thing!

Proposed Delta Amateur Radio Club Officers/Directors for 2016:

President: Errol Hook, KK4PRV or Ken Laseter, KI4AOH

Vice President: Michael Knight, KK4IOH

Secretary: Ann-Barri Munday Green, WB4SWP

Treasurer: Linda Laseter, KJ4CTX

Director of Training: Joe Lowenthal, WA4OVO

Director of Publications: Dan Lasley, NE7JN

Director of Programs: Jim Cissell, KI4I

Director of Meetings & Special Events: Steve Frazier, KK4VPT

CERT Regional Rodeo Event

Submitted by: David Webb, KV4QI

Please be sure and check out the flyer on the last page to get details on the Community Emergency Response Team (CERT) Rodeo event being held on Saturday, November 14th at the Fire Training Compound at 5591 Dakar Street, Millington, TN. Go to URL www.certplustraining.org/rodeo or EMAIL lrace@certplustraining.org for more event details. CERT members and area neighborhood teams are encouraged to actively participate, and the general public is invited to attend for hands-on information and instruction. We look forward to seeing you there!

TREASURER'S REPORT

Submitted by: Rick Tillman, WA4NVM

Beginning Balance	as of October 1, 2015	\$9,866.70
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Expenses

Jams Enterprises LLC	Monthly/Nov Gifts	\$236.13
Main Trading Co.	4 – Main Prizes - Nov	\$1,658.85
BridgeComm	220 Mhz Repeater	\$1,025.00

	Total Expense	\$2,919.98
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SubTotal **\$6,946.72**

Income

Club Patch		\$10.00
Membership Dues	Year 2016	\$45.00
Tickets	November Drawing	\$266.00

	Total Income	\$321.00
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Ending Balance	as of October 31, 2015	\$7,267.72
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Submitted by Rick Tillman WA4NVM

Certificate of Deposit #1	Balance	\$10,280.23
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Certificate of Deposit #2	Balance	\$5,050.13
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Total DARC Assets	Balance	\$22,598.08
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BOARD MEETING MINUTES

7:00p – November 3, 2015 - Submitted by: Barri Munday Green, WB4SWP

Officers and Directors Present: Michael Knight, KK4IOH – Barri Munday Green, WB4SWP - Rick Tillman, WA4NVM – Joe Lowenthal, WA4OVO - Jim Cissell, KI4I - Jim Sheats, KK4VGL – David Webb, KV4QI - Bill Stevens, WC9S; also attending was club member Richard Martin, K4DXF

1. Meeting called to order by M. Knight at 7:00pm
2. Treasurer's Report presented by R. Tillman. Motion to approve by D. Webb, seconded by J. Sheats. Report approved by acclamation.
3. October BOD meeting minutes – Motion to approve as posted in SPARKS newsletter by D. Webb, seconded by J. Sheats. Report approved by acclamation.
4. Support of the Delta Club Board was affirmed for a regional CERT Rodeo event being held at the Millington Fire Training facility at 5591 Dakar Street on November 14th. A copy of an event promotional flyer has been included in the November issue of SPARKS. All Delta Club members and general members of our community are encouraged to participate. B. Stevens and J. Lowenthal will man an informational booth on amateur radio for the general public. Other club members are invited to stop by the booth and assist in instructional efforts with the general public. All club members who are also CERT trained are welcome to register in the actual event exercises, and compete as individuals or teams for available prizes and bragging rights.
5. B. Stevens briefly discussed additional materials needed to provide internet access and allow improved technical access to club repeaters. Given that all improvements are well within the repeater budget already reviewed and approved by general club membership; there were no objections by Board members to J. Sheats motion – B. Stevens second to proceed with acquisition and installation of needed items at best possible speed.
6. It was unanimously agreed that New Ham of the Year, and Ham of the Year awards for the club would be made at the December club meeting.
7. J. Lowenthal reported that 12 people have already signed up for the Technician training class starting on November 9th. So far, only 2 individuals have signed up for the planned Extra training class – at least 6 people are needed, or alternate arrangements will be made.
8. R. Tillman noted that all Delta Club members who have not yet paid their 2015 dues should do so in November. There is no late quarter discount for existing member renewal fee of \$20.
9. Move to adjourn made by M. Knight and seconded by R. Tillman. Meeting was adjourned at approximately 7:50pm.

GENERAL CLUB MEETING MINUTES

October 13, 2015 - Submitted by: Barri Munday Green, WB4SWP

1. President Joe Wray, WD4GXI - called meeting to order with attendee introductions.
2. September meeting minutes – Ham Hilliard, W4GMM- made motion to approve the minutes as published in the SPARKS Newsletter & Ken Laseter, KI4AOH - seconded. Minutes approved by member acclamation.
3. Treasurer's report – H. Hilliard made motion to approve as published in SPARKS newsletter and Ned Savage, KA4BLL - seconded. Report was approved by member acclamation.
4. With Joe Lowenthal out of town, group was reminded to check SPARKS for upcoming training schedule. This month's testing session resulted in 2 Extras, 1 General, and 1 Technician.
5. Bill Stevens, W9CS – updated status on antennas and repeaters for the club.
6. Reminder was given by H. Hilliard regarding Mid-South Amateur Radio Supply conducted wire antenna training class being held on October 17, 2015.
7. Howard "Jelly" Thompson, N4HLT provided initial results summary on the TN Emergency Management Agency (TEMA) Fall, 2015 AUXCOM event conducted October 1-3, 2015. Next State level exercise in tentatively scheduled at the TN Fire Training Academy on May 4-8, 2016.
8. Danny Banks, KJ4FXZ – thanked everyone who helped on the Oct 3, 2015 Bluff City Blues 100 Ride to Fight On fund raising event for the West Cancer Center.
9. David Webb, KV4QI invited everyone to participate in the Great American ShakeOut Earthquake preparedness exercise being held 10/15/2015.
10. 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.
11. Proposed Slate of Officers for 2016:
 - President: Errol Hook, KK4PRV or Ken Laseter, KI4AOH
 - Vice President: Michael Knight, KK4IOH
 - Secretary: Ann-Barri Munday Green, WB4SWP
 - Treasurer: Linda Laseter, KJ4CTX
 - Director of Training: Joe Lowenthal, WA4OVO
 - Director of Publications: Dan Lasley, NE7JN
 - Director of Programs: Jim Cissell, KI4I
 - Director of Meetings & Special Events: Steve Frazier, KK4VPT
12. Noted that drawing would be held in November with pot-luck dinner in December. Jack Parnell – long time ham known for his voice-over and DJ work will be special guest.
13. Russ Meyers, WD4JHD– presented slide show and spoke on repeaters - tuning cavities and stubs.
14. Motion to adjourn was made by H. Hilliard - seconded by B. Stevens; meeting was concluded with approval and orderly departure of attendees.

Wire Antenna Training Class

Text submitted by: David Webb, KV4QI
Photos supplied by Len Grice, KM4MRY and David Webb, KV4QI



Thanks to Mid-South Amateur Radio Supply (www.msars.com) and the hospitality of event hosts Rosalinda Melena, W2NV – Steve Smith, W5VAA – and course instructor Ham Hilliard, W4GMM; an enthusiastic group of local amateur radio operators were able to learn more on the subject of wire antennas, with a bonus safety primer on the dangers of handling hot soldering irons and recently completed solder joints by “That’s hot!” Ham Hilliard. We look forward to getting not only great service and supplies from MSARS, but also to even more of these fun and informative training events!



Top photo – Ham Hilliard instructs – David Webb – KV4QI on right; continuing in second photo; seated from left to right on front row: Janet Kelly, KK4PRT - Joe Sanders, KM4JXS - Amanda Nash, KM4MSC – Mike Hefner, KI4YOR - Noe Longoria, K4NOE - Ray Cole, N5RLC

Back row: Eugene Jones, KI4YUA - Mike Harrison, KM4MRW – just out of photo – Steve Frazier, KK4VPT (shown outside below striped shirt/jeans) along with Len Grice – KM4MRY – white shirt getting well-deserved pat on the back).



AMATEUR PACKET UPDATE

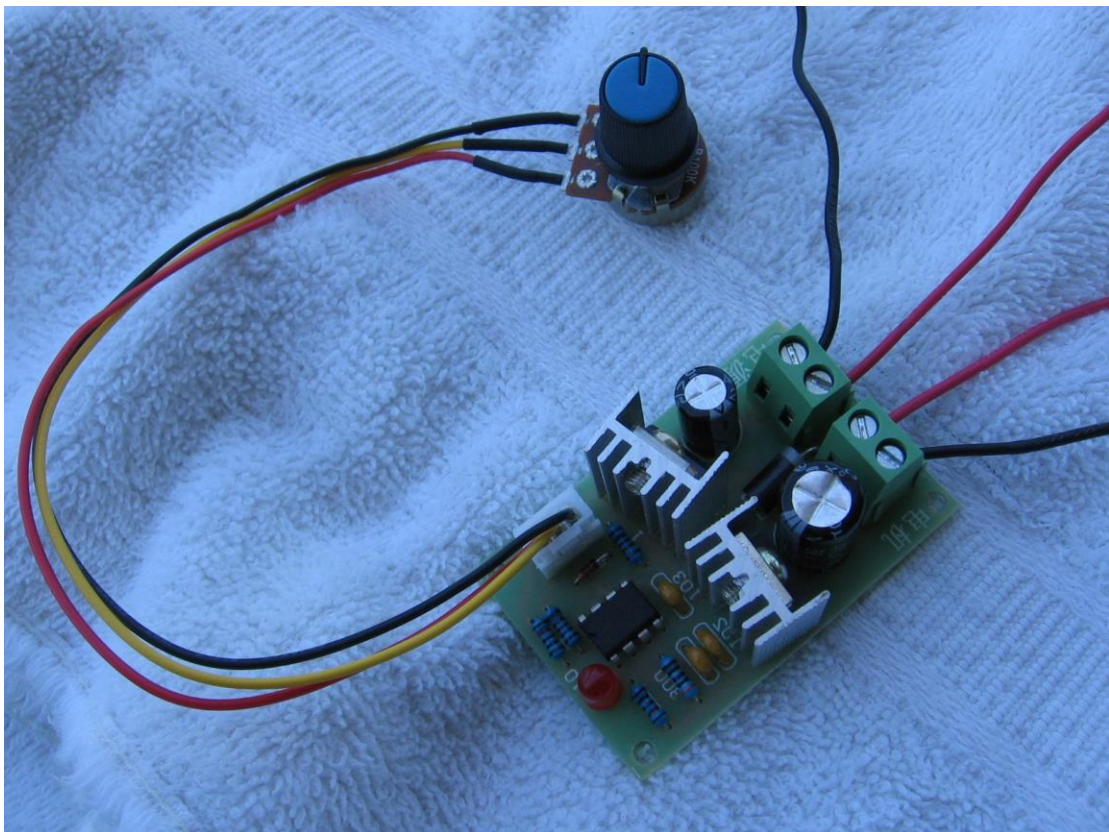
Photo and Article Submitted by: James Butler, KB4LJV

Many times we want to watch ham radio related videos and learn new things about ham radio. One great new source is called Ham Nation. It is an internet based video broadcast with Bob Heil (K9EID of Heil Sound), Gordon West (WB6NOA of W5YI license manuals) and lots of other Elmers. These programs show equipment in actual operation along with reports on ham radio. They have done over 200 shows so far. You can watch shows on YouTube by searching Ham Nation. They also have their own website; just go to Google and search Ham Nation, or go directly to URL www.hamnationvideos.info/. If you are looking for good ham radio entertainment check them out.

AMATEUR HARDWARE UPDATE

Photo and Article Submitted by: James Butler, KB4LJV

As hams we may need variable speed control for DC motors. This can be fan motors for cooling or positioning motors for our antennas. Motor control boards are now available on EBay for this purpose. I needed a board for a speed control of a DC motor. The board I found was for 12 to 48 VDC motors - up to three amps current. It included the completely assembled board along with a speed control dial. The connections are red (plus) and black (minus) to the battery, and a red/black pair for the motor connections. There are three wires (red, yellow, blue) to the control knob with its own connector. This was bought for under \$2.00 with free shipping. The board works well on the test motor I have hooked up to it and is ready to go for motor control projects. Go to EBay and search "motor speed control board" to see what is available.



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

CLASSES SCHEDULED

If you are interested in attending, send an EMAIL to Joe Lowenthal at 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 6:15-9:30pm on six Monday nights from November 9th through December 14th 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 15th. There will not be a class on January 30th 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 5th 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 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 and click on the link under Training – registration form will guide you through needed information, and EMAIL will be automatically sent.

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

Licenses Earned in 2014 from Delta Classes

25 Technician

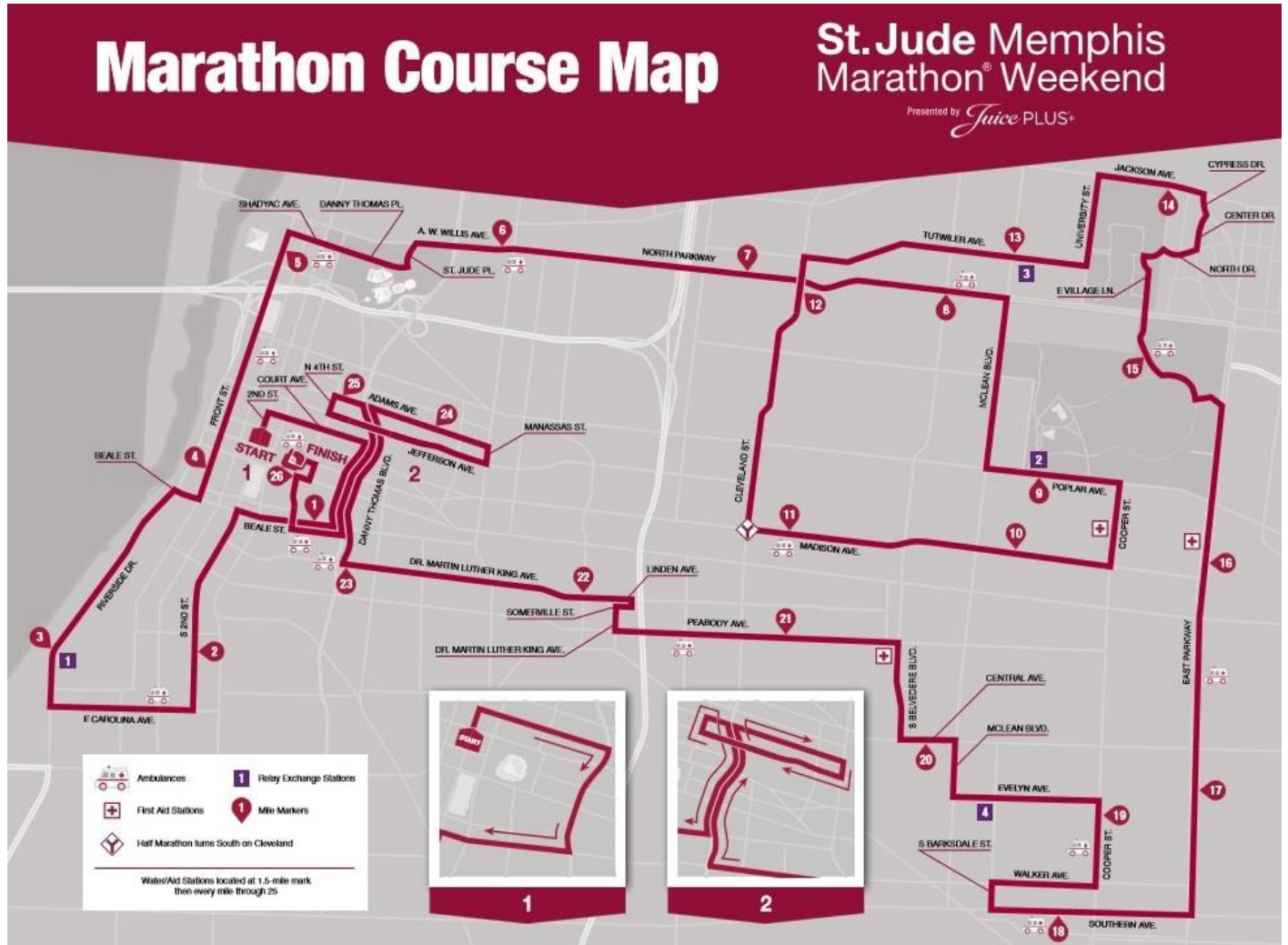
12 General

6 Extra

ADDITIONAL 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



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

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

Vice-President:

Michael Knight, KK4IOH
901-832-8636
KK4IOH@arrl.net

Secretary:

Barri Munday, WB4SWP
901-756-5259
annbarrimunday@att.net

Treasurer:

Rick Tillman, WA4NVM
901-268-7047
wa4nvm@comcast.net

Director of Training:

Joe Lowenthal, WA4OVO
901-628-4318
WA4OVO@yahoo.com

Director of Publications:

David W. Webb, KV4QI
901-465-8315
dwebb1518@gmail.com

Director of Programs:

Jim Cissell, KI4I
901-326-5544
james4296@aol.com

Director of Meetings & Special Events:

Jim Sheats, KK4VGL
901-756-0031
jdsheats@bellsouth.net

Repeater Trustee:

Bill Stevens, WC9S
WC9S@att.net

Immediate Past President:

Rosalinda Melena, WN2V

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

November 10, 2015 regular club meeting will feature our annual election of Officers and Directors. Qualified applicants meeting minimum criteria are welcome to appear and submit themselves as a write-in 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 .

<u>DATE EVENT</u>	<u>PUBLIC SERVICE EVENT</u>	<u>CONTACT INFORMATION</u>
December 5, 2015	St. Jude Marathon 26.2 mile run from downtown Memphis	Roger Schlichter, wr4r wr4r@bellsouth.net
January 2016	SwampStomper 50k/25k Run thru Meeman Shelby Forest	Contact TBD
April 2016	March for Babies 4 mile walk around Memphis Botanical Gardens March of Dimes fundraising event	Linda Laseter, kj4ctx lindalaseter@gmail.com
June 4, 2016	Diabetes Tour de Cure Start on Mud Island and ride thru Shelby Forest	Pat Lane, w4oqg w4oqg@bellsouth.net
Sept. 2016	2016 Bike MS: FedEx Rock-N-Roll Landers Center in Southaven to Gold Strike Casino in Tunica and back on 2 nd day Multiple Sclerosis fundraising event	Darrell Sheffield, kk4d darrell.sheffield@memphistn.gov (901) 277-8122

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/f1312601Fill-in.pdf

NOTES OF POSSIBLE INTEREST

Submitted by David Webb, KV4QI

Got Membership?

Download the latest .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!

MEMPHIS AREA VHF/UHF NETS

Updated Nov, 2015

Name of Net	Freq. MHz	Tone	Local Time	Day of Week
Delta Club Information Net	146.820	- (107.2)	8:00p	Daily
Mid-South Barefooted Bullfrog Net	146.535		7:30p	Daily
Secret Service Net	224.780		8:30p	Mon
Elmer Net	145.210	- (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

Current Nov, 2015

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
and Insulators**

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

This ad space is available

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 hosting the wire antenna training class featured on page 6 of this month's SPARKS newsletter – If you need HAM equipment and/or supplies – they're the local folks you should be talking to – not a Ham "fest", but certainly a Ham "best".
Check 'em out !!*

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

This ad space is available

**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
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 \$50.00 for 3 Months 7" w X 8 ½" h			HALF PAGE \$25.00 for 3 Months 7" w X 4" h			¼ PAGE \$15.00 for 3 Months 3 ½" w X 4" h			BUSINESS CARD \$10.00 for 3 Months 3 ½" w X 2" h		
Jan 2015	Feb 2015	Mar 2015	Apr 2015	May 2015	Jun 2015	July 2015	Aug 2015	Sept 2015	Oct 2015	Nov 2015	Dec 2015

**FREE
ADMISSION**

- Refresh CERT skills
- Compete for prizes
- Disaster Preparedness



CERT Rodeo

Saturday, November 14th • 8 am - 4:30 pm

HOSTED BY:

Millington Fire Department Training Center
5591 DAKAR STREET • MILLINGTON

INVITATION TO:

CERT Graduates & Interested Citizens

Community Emergency Response Training graduates and the public are invited to explore displays, educational booths and compete in these areas of readiness. Registrations requested by November 5, 2015.

- **Fire Suppression** (digital & pan) includes utility shutoff and hazmat ID
- **Search & Rescue** includes size-up, cribbing & leveraging, patient transport
- **Medical Treatment** includes triage
- **Written Quiz** utilizing material from the manual, includes ICS

MORE INFO • REGISTRATION:

VISIT www.certplustraining.org/rodeo

EMAIL lrace@certplustraining.org

CALL 901-692-3889

