

# SPARKS

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

## NEXT CLUB MEETING (2<sup>nd</sup> Tuesday of each month)

**DATE/TIME:** June 9, 2015 – 7:00 PM

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

**PROGRAM:** Field Day 2015 – Michael Knight, kk4ioh

**FCC Amateur Radio License Testing:** Don't forget 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). In 2015, people 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. *Beginning July 1, 2015, you must also show proof of ARRL membership to receive the complimentary DARC membership offer.* For more information, please contact:

Jeff Krause, aj4gy - VE Liaison

Phone: 901-301-6776

Email: [aj4gy@comcast.net](mailto:aj4gy@comcast.net)

Congratulations to successful candidates at our May club meeting night test session: Harold M. Smith, Jr. km4ksm (Technician) and Barry Pilkinton, km4ksn (Technician and General).

## PRESIDENT'S CORNER

Submitted by: Joe Wray, wd4gxi

Hello everyone. I had a lot of fun this past month. The biggest thing was attending the Dayton Hamvention. I don't have much to report on as far as new equipment; however the weather turned out to be better than expected even though we did get some rain. It may just be me, but I felt like the number of people was down a little. This does however make for easier shopping. I think twelve of us attended the AMSAT banquet, most of who were Delta Club members. I sat next to the owner of Arrow antennas, who was a very interesting fellow. He gave me some info on getting a better match with the dual band J pole that they make. If anyone wants this info let me know.

We also made it to Wright Patterson Air Force Museum on Sunday. This is a side trip you need to plan if you haven't been to Dayton. It is an amazing place that should be of interest to anyone. There were a number of additions since I was there last. The most interesting was the Space shuttle. Did you know there are more than 2000 switches in that cockpit? And you thought your HT was complicated to configure!

Don't forget, this is June, which means? Field Day! June 27-28 - come on out and operate or just check it out and enjoy the food and fellowship. Feel free to bring any non-ham friends. This is a joint event with Mid-South Amateur Radio Association (MARA), Delta Amateur Radio Club (DARC), and Tri-State Repeater Association. Tony Brignole is heading up the operation, which will again be held at the Country Club Estates clubhouse (same place where we were last year). The address is 2417 LaCosta, Bartlett.

Don't forget to check into the net when you can. I will see you at the meeting Tuesday June 9<sup>th</sup>

73,

Joe Wray



## CLUB SERVICE OPPORTUNITY – VOLUNTEER(S) NEEDED

Submitted by David Webb, kv4qi

You may not be aware, but Delta Club has a very favorable balance sheet largely due to the generous donations of radios and related equipment and supplies from estates of retiring or Silent Key amateur radio operators. In years past, the work involved with retrieval, evaluation, storage, and sale of this equipment has been largely headed up by Bill Stevens, wc9s. (On behalf of all club members, the Editor hereby thanks Bill and the many other DARC volunteers who have provided their assistance in work parties taking down towers, clearing out Ham shacks, stocking swap meet tables, etc.)

Bill has notified the DARC Board of Directors that he'd like to pass the mantle of leadership in this area of activity to one or more members of the club who are willing to carry this vital work forward into the future.

If you're willing to step up, Bill's more than willing to share his knowledge and insights with you. Send an EMAIL to [wc9s@att.net](mailto:wc9s@att.net) and see if you've got what it takes to help "trash or cash" magic work on behalf of Delta Club.



# Trash or Cash?

## TREASURER'S REPORT

Submitted by: Rick Tillman, wa4nvm

<b>Beginning Balance</b>	<b>as of May 1, 2015</b>	<b>\$11,120.54</b>
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### Expenses

Jim Sheats	Food & Drinks - Meetings	\$22.18
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	<b>Total Expense</b>	<b>\$22.18</b>
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SubTotal **\$11,098.36**

### Income

Membership Dues	\$115.00
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Year 2015 Nov Drawing Tickets	\$95.00
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Bus Trip 2015	\$440.00
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Donation	\$10.00
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	<b>Total Income</b>	<b>\$660.00</b>
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<b>Ending Balance</b>	<b>as of May 31, 2015</b>	<b>\$11,758.36</b>
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Certificate of Deposit #1	Balance	\$10,280.23
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Certificate of Deposit #2	Balance	\$5,025.00
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Total DARC Assets	Balance	\$27,063.59
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## BOARD MEETING MINUTES

7:00p – June 2, 2015 - Submitted by: Barri Munday, wb4swp

Officers and Directors Present: Joe Wray wd4gxi, Michael Knight, kk4ioh - Barri Munday, wb4swp – Rick Tillman, wa4nvm - Jim Cissell, ki4i - David Webb, kv4qi – Bill Stevens, wc9s.

1. Meeting called to Order by J.Wray
2. Treasurer's Report presented by R.Tillman. Motion to approve by D.Webb, seconded by B.Stevens. Report approved by acclamation.
3. R.Tillman reported that 17 tickets already sold for the Hunstville bus trip.
4. M.Knight reported contact by party possibly interested in purchase of club tower/trailer. Asking price of \$3,000 for the combination of tower and trailer was again noted.
5. B.Stevens noted desire to recruit successor(s) in the activities associated with recovery of donated equipment and subsequent sale/disposal. D.Webb will include June, 2015 SPARKS article on this subject.
6. There was a general discussion on the subject of prize selection and acquisition process for the upcoming November raffle event. No decisions finalized - board members to revisit ideas and suggestions at July meeting.
7. J.Cissell confirmed that Jun2015 presentation on the subject of Field Day would be made by M.Knight. J.Cissell also noted that additional cables (example of HDMI connectors) may be needed to support meeting video presentations. Following discussion, it was noted that future presenters should bring their presentations on USB thumb drives as a back-up.
8. Move to adjourn made by D.Webb and seconded by M.Knight. Meeting was adjourned at approximately 8:30p

## GENERAL CLUB MEETING MINUTES

May 12, 2015 - Submitted by: Barri Munday, wb4swp

1. Introduction – Joe Wray, wd4gxi - welcomed and asked that everyone introduce themselves by name & call sign.
2. March meeting minutes – Ham Hilliard, w4gmm made motion to approve the minutes as published in the Sparks Newsletter & Richard Smith, k4dxf - seconded. Minutes approved by member acclamation.
3. Treasurer’s report read by Rick Tillman, wa4nvm. H. Hilliard made motion to approve and Ned Savage, ka4bll - seconded. Report approved by member acclamation.
4. Joe Lowenthal, wa4ovo advised that a new Technician Class would begin on July 9th for 6 weeks at EMHC Ambulance Training Room from 6:15p-9:30p; also noted that Howard (Jelly) Thompson, n4hlt would likely offer a General Class in the latter part of August through the Nashoba Amateur Radio Club.
5. Jeff Krause, aj4gy – reported on May test candidate success for 2 individuals achieving Technician Class (one also attained General Class license).
6. Pat Lane, w4oqg - asked for help with the Tour de Cure event benefiting American Diabetes Association at Mud Island on May 30th.
7. H. Hilliard gave an update regarding the MARS Cross-Band exercises on May 9-10, 2015 noting 251 contacts logged at NAS Millington, and 200 contacts logged at WKNO Transmitter locations.
8. Ned Savage spoke on the Triathlon in Tunica.
9. Nathan Turner, kj4gzb – will be running in the St Jude Marathon and requested that people donate to St Jude.
10. Kim Coryat, w8kay - FedEx MD-11 Captain, made a informational presentation titled “Aviate, Navigate & Communicate”.
11. H. Hilliard made motion to adjourn; Pat Lane, w4oqg seconded. Club membership confirmed their agreement through an orderly departure.

## HUNTSVILLE BUS TRIP

Submitted by: Joe Lowenthal, wa4ovo

DARC is sponsoring a 50-passenger bus trip to go to the Huntsville Hamfest on August 15, 2015. There is a graduated scale fare for the bus trip. The fare is \$60 if paid by June 30, 2015; \$65 if paid by July 31, 2015; and \$75 if paid on or after August 1st. There are no refunds if you cannot go. However, you can sell your reservation to someone else. The fare includes the \$8 Hamfest entry ticket. There will be biscuit sandwiches, water, sodas, chips, and fruit on the bus going to Huntsville and whatever is left for the trip back.

Cash or checks will be accepted for payment. Make checks payable to Delta Amateur Radio Club. You can pay at a meeting or send your check to Joe Lowenthal WA4OVO, 6675 Ashbridge Cove, Memphis, TN 38120. Please include your name, call sign, cell phone number, and email address.

**Reservations will be on a first come first paid basis.**

The bus will leave Ellendale Church of Christ, 7365 Highway 70, Bartlett, TN at 6:00am on August 15th. A second pickup point will be at Germantown Baptist Church, 9450 Poplar Avenue at Johnson Road, Germantown, TN at approximately 6:30am. The bus will leave Huntsville immediately after the 4pm door prize drawing and return to Germantown Baptist Church approximately 7:30pm and Ellendale Church of Christ at approximately 8:15pm.

Ellendale Church of Christ has asked us to park in the larger parking lot on the west side of the building to leave the east side open for church activity parking.

The pickup point at Germantown Baptist Church will be on the east side of the church (toward Collierville) just north of the baseball diamonds and south of the gym (called the CORE) between the gym and the baseball diamonds to the front.



*Why not ride the bus? Go door to door, save money, have a comfortable place to sit and rest during the Hamfest, and use roomy baggage bays to haul purchases back to Memphis!*

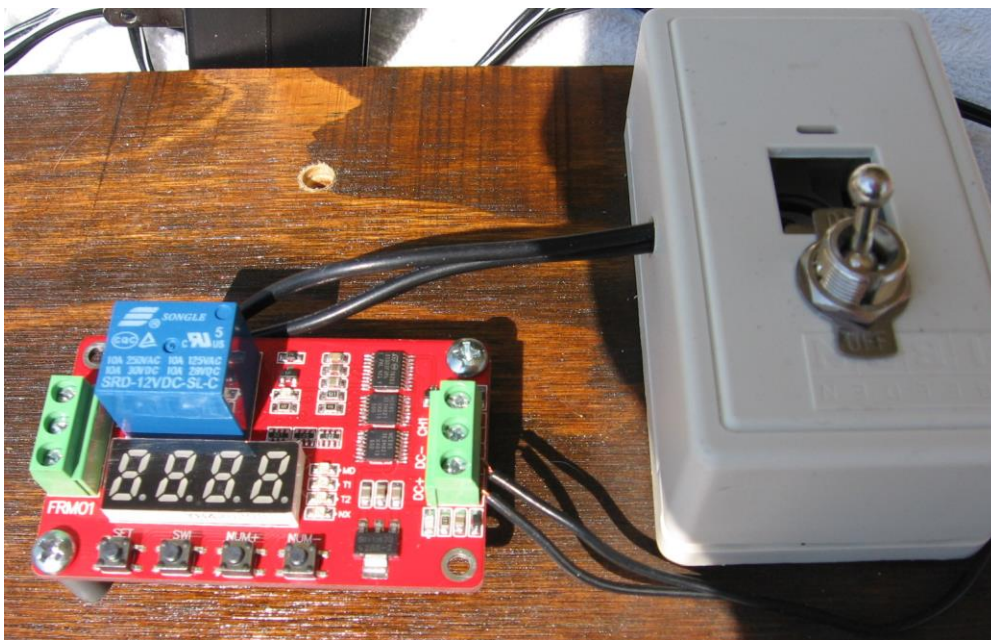
## AMATEUR PACKET UPDATE

Submitted by: James Butler, kb4ljb

When we run digital modes we need a good interface to go from the computer to the radios. Timewave Technology has come out with a new digital interface called the “NAVIGATOR”. The unit has a built in high performance sound card and connects to your computer via a USB port. It also has a USB hub controller to allow hookups for Cat rig control along with other accessory ports. The connections to the radio are transformer isolated to reduce interference, and the levels are front panel adjustable. The front panel also includes status LEDs for PTT, CAT, FSK, CW, and power. The Timewave Company builds good equipment with lots of features for the money. To check out all that this new Navigator can do, go to their website to look at the specifications and download the user’s manual. The URL address is <http://timewave.com/>

## AMATEUR HARDWARE UPDATE

Photo and Article Submitted by: James Butler, kb4ljb



Need a timer for your project? Building one from scratch can take some time. The good news is a PC board is available on eBay for under \$8.00. This board runs on 12 VDC and has a relay on board good for 10 amps at 120 VAC. The board also has a 4-digit digital readout for the mode selection and timer functions. A good use would be to turn on a battery charger for a length of time and then shut is off for a defined period. It could also be used to turn on a power strip for a few hours at night; then

automatically turn it off. The timer has 8 different modes for just about any timing requirement you would need. The board is small and compact. I mounted mine on a board to try it out. If you need to control a device with a timer, check out this one. Do a search for “12 volt relay timer” on eBay to see all the ones they have.



## 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*

7 Technician

4 General

6 Extra

The current ARRL General Class License Manual Seventh Edition question pool will expire June 30, 2015

### CLASSES SCHEDULED

Tech Class 4-15 will be held on six Thursday nights from **July 9th through August 13th** at EMHC ambulance company training room, 6972 Appling Farms 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 your name, email address and cellphone number in the message body. See the Future Classes for the text to be used.

### FUTURE CLASSES - TECHNICIAN CLASS

**Special Note:** Our recent training classes have resulted in positive feedback from students regarding the in-class viewing of some very well-done on line training materials offered by Mr. Dave Cassler – ke0og to accompany the ARRL training manuals we use. This free resource is available at URL <http://dcasler.com/ham-radio/training/> Videos are also posted on YouTube – search “ke0og” for links. All students are encouraged to use this supplemental resource in conjunction with their DARC training opportunities.

If you are interested in the first amateur license class, Technician, please let us know by sending an email to [wa4ovo@arrl.net](mailto: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](http://www.deltaclub.org) click on Training Classes; then click on Technician Class to 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 Third Edition (effective July 1, 2014)*, [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](http://www.msars.com), <http://www.arrl.org/shop/ARRL-Ham-Radio-License-Manual-3rd-Edition/> on Amazon.com or possibly Barnes & Noble booksellers.

The new Technician question pool which became effective July 1, 2014 can be seen at <http://ncvec.org/page.php?id=362>. The question pool is in the blue section in the back of the license manual. Practice tests are highly recommended. The [www.qrz.com](http://www.qrz.com) website is free. To access the current 2014-2018 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 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](http://www.hamstudy.org)
- [www.aa9pw.com](http://www.aa9pw.com)
- <http://kb0mga.net/exams>
- [www.qrz.com](http://www.qrz.com)
- <http://www.hamradioclass.org>

### **FUTURE CLASSES - 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 your name, callsign, email address and contact phone, preferably cell number, or call at 901-628-4318. The current question pool became effective July 1, 2011 and expires the end of this month (Jun2015). The new study guide is *The ARRL General Class License Manual, Eighth Edition* ARRL product #0307, ISBN 978-1-62595-030-7. URL for new product options is found at <http://www.arrl.org/shop/ARRL-General-Class-License-Manual-8th-Edition/> You will be notified by email or phone when the class is set if you have sent an email.

### **BASIC ELECTRONICS – Internet Training Only**

Basic Electronics is geared toward bridging the gap between the General and Extra Class licenses. 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. 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/>. Alan will assist anyone who would like additional help or refer them to another Elmer (please contact [alan.proffitt@comcast.net](mailto:alan.proffitt@comcast.net) ).

### **FUTURE CLASSES - 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 your name, callsign, 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 Order #5170, ISBN 978-0-87259-517-0.

The 35-question FCC exam will be given at the end of each DARC class by a Volunteer Examiner (VE) team. The ARRL VEC FCC exam fee is \$15.00.

<p><i>Licenses Earned in 2014 from Delta Classes</i></p> <p>25 Technician 12 General 6 Extra</p>
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## 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.*

## HAMFESTS OF LOCAL INTEREST

DATES	EVENT URL LINK	LOCATION
August 2015 15 <sup>th</sup> & 16 <sup>th</sup>	Huntsville Hamfest <a href="http://www.hamfest.org/">http://www.hamfest.org/</a>	Huntsville, AL

### Silent Keys - Memorials

*With the recent Memorial Day Holiday just past – I revisited a poem **For the Fallen** by Robert Laurence Binyon (1869-1943), published in *The Times* newspaper on 21st September 1914. I share the fourth stanza below, in tribute to the men and women of the U.S. Armed Services who gave their lives to ensure that we continue to enjoy the many blessings of life, liberty, and the pursuit of happiness.*

*They shall grow not old, as we that are left grow old:  
Age shall not weary them, nor the years condemn.  
At the going down of the sun and in the morning  
We will remember them.*

## 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>
Sept. 12-13, 2015	MS 150 Bike Ride Landers Center in Southaven to Gold Strike Casino in Tunica and back on 2 <sup>nd</sup> day	Darrell Sheffield, kk4d <a href="mailto:darrell.sheffield@memphistn.gov">darrell.sheffield@memphistn.gov</a>
October 3, 2015	Bluff City Blues Ride Starts on Mud Island and goes thru Shelby Forest	Danny Banks, kj4fxz <a href="mailto:kj4fxz@arrl.net">kj4fxz@arrl.net</a>
December 5, 2015	St. Jude Marathon 26.2 mile run from downtown Memphis	Roger Schlichter, wr4r <a href="mailto:wr4r@bellsouth.net">wr4r@bellsouth.net</a>
January 2016	SwampStomper 50k/25k Run thru Meeman Shelby Forest	Mike McLoughlin, kk4mcl <a href="mailto:canada67@comcast.net">canada67@comcast.net</a>
April 2016	March for Babies (March of Dimes) 4 mile walk around Memphis Botanical Gardens	Linda Laseter, kj4ctx <a href="mailto:lindalaseter@gmail.com">lindalaseter@gmail.com</a>
June 4, 2016	Diabetes Tour de Cure 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/f1312601Fill-in.pdf](http://www.tn.gov/revenue/forms/titlereg/f1312601Fill-in.pdf)

## OTHER UPCOMING EVENTS

### 2015 ARRL Field Day on Saturday and Sunday, June 27- 28<sup>th</sup>

This will again be a joint activity with Mid-South Amateur Radio Association and Tri-State Repeater Association. Location will be the Country Club Estates Clubhouse - 2417 Lacosta in Bartlett, TN. More details on this year's activity will be the subject of a presentation by Michael Knight, kk4ioh - on Tuesday, June 9th at our regular DARC member meeting. You can also review ARRL rules for the event and order hats, T-shirts, etc. by visiting the ARRL web site at URL <http://www.arrl.org/field-day>



**Hams - Please Make Sure Your Membership "Current" Is On!**

Download the new and improved .pdf Delta Club Membership Application Form from the web at

<http://www.deltaclub.org/application-15-2.pdf>

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

## 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 146.82 NET PREAMBLE (1/1/15)

Good evening, this is [first name and callsign] calling this session of the DELTA CLUB's Information Net. This net meets nightly at 8:00 pm central time except the second Tuesday of the month on the 146.82 w4bs repeater and requires a PL tone of 107.2 Hz. This net provides an opportunity to present information about club events and amateur related topics. This Net also provides new amateur stations training, and allows all amateurs a regularly scheduled session for testing their radios and communicating with the amateur radio community. In the event of severe weather this repeater is available for the National Weather Service Skywarn reports 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 check-ins 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 check-ins 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 check-ins 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 Jeff, aj4gy - at 301-6776 or by email at [aj4gy@comcast.net](mailto:aj4gy@comcast.net)
4. For membership information contact Barri, wb4swp - at 756-5259 or by EMAIL at [annbarrimunday@att.net](mailto:annbarrimunday@att.net)
5. For training information contact Joe, wa4ovo - at 628-4318 or by EMAIL at [wa4ovo@arrl.net](mailto: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 closed. This is [first name and callsign] clear.



## 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

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

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

**Bulk Coax** - RG-8U Mini,  
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**Connectors** -  
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Full Line of **Antenna Tuners\***

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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  
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*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](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.

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