

# DELTA AMATEUR RADIO CLUB

# SPARKS

P.O. Box 750482 \* Memphis, Tennessee 38175-0482 \* Volume 18 \* February 2012



**Welcome to the  
Delta Amateur Radio Club!**

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

**W4BS**

**REPEATER SYSTEM**

146.820<sup>-107.2</sup> 147.360<sup>-107.2</sup>  
224.420 443.200

## NEXT CLUB MEETING

**DATE:** February 14, 2012 (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:** PL-259 My Way  
Presented By: Ham Hilliard W4GMM

**VE TESTING:** Don't forget the monthly Volunteer Examiner testing session. Registration begins at 5:30 PM and testing begins promptly at 6:00 PM. Please remember to bring two (2) forms of identification 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, VEC  
Phone: 901-603-3448  
Email: [wc9s@att.net](mailto:wc9s@att.net)

## PRESIDENT'S CORNER

By: Rosalinda Melena KI4ZKW

A happy February to all. I considered several topics for this month's President's Corner and finally settled on net control operations for an "event". Recently, I had my first taste as net control for an event (the January Swamp Stomper Run) and all I can say is, WOW! What a job!

I remember the first net I called; I was nervous beyond belief and had to fight back “mike fright” just before the net time. I called that net from my “ham shack” with desk space, radios, computers (for digital messaging), heating/air conditioning and plenty of black coffee.

I’ve called several nets, HF and VHF/UHF, since that first time. I know procedures and I’m no stranger to shifting plans and priorities, yet I struggled through the Swamp Stomper event. Calling a net from the comfort of your shack is a far cry from a field event. Anything and everything can and will happen. I now have an even greater respect for the “seasoned” event net controls.

If you get the chance, volunteer to be an event net control. It’s an experience well worth the “grey-hairs”.

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**Scientific American** listed February 20<sup>th</sup> thru March 12<sup>th</sup> as one of the year’s ***12 Must-See Skywatching Events in 2012***

### **Feb. 20 to March 12: Best evening apparition of Mercury**

In February and March, the "elusive" [innermost planet Mercury](#) moves far enough from the glare of the sun to be readily visible soon after sunset. Its appearance will be augmented by two other bright planets (Venus and Jupiter), which also will be visible in the western sky during this same time frame.

Mercury will arrive at its greatest elongation from the sun March 5. It will be quite bright (-1.3-to-0 magnitude) before this date and will fade rapidly to +1.6 magnitude thereafter. Astronomers measure the brightness of objects in terms of magnitude, with lower numbers corresponding to brighter objects.

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### ***Do You Remember ...***

#### **The Beatles' First Appearance on "The Ed Sullivan Show," 1964**

On Feb. 9, 1964, **The Beatles** made their first live U.S. television appearance. More than 70 million Americans gathered around their televisions to watch four young men from Liverpool make history.

**Ed Sullivan**, the “king of Sunday night television,” booked The Beatles for three appearances after seeing the response of fans during a visit to London. Before their debut on the show, The Beatles’ record “I Want to Hold Your Hand” was leaked to radio stations across the country. By Jan. 10, 1964, the album had sold more than 1 million units and “I Want to Hold Your Hand” was the No. 1 song on the Billboard charts.

73 to all. Be safe!

# TREASURER'S REPORT

Submitted By: Rick Tillman WA4NVM

All items in "pink" in EXPENSE and INCOME columns were added as the year progressed and were not in the original budget.

	EXPENSES for 2011	SPENT IN 2011
Corporation Fee	\$20.00	\$20.00
Total Operating Cost	\$20.00	\$20.00
<b>MEETING COSTS</b>		
Meeting Space (Donation)	\$100.00	\$200.00
Meeting Refreshments	\$150.00	\$78.08
Food (Dec. meeting)	\$100.00	\$170.00
Door Prizes (monthly)	\$240.00	\$262.62
Attendance Incentives (Nov.)	\$1,250.00	\$1,113.34
Certificates & Awards	\$100.00	\$0.00
Total Meeting Cost	\$1,940.00	\$1,824.04
<b>MAILING COSTS</b>		
P. O. Box (yearly rental)	\$100.00	\$100.00
Total Mailing Costs	\$100.00	\$100.00
<b>INSURANCE</b>		
Liability	\$320.00	\$200.00
Equipment	\$334.00	\$139.00
Total Insurance	\$654.00	\$339.00
<b>TRAINING</b>		
Projector bulb	\$250.00	\$0.00
Supplies	\$50.00	\$0.00
Total Training Costs	\$300.00	\$0.00

### REPEATERS

Phone line AT&T	\$63.52	\$63.52
Phone line U of M	\$275.28	\$172.05
New Repeater for 147.36	\$1,050.00	\$1,044.76
Two tone encoders for repeaters	\$150.00	\$125.90
SouthEastern Repeater Asso. Lighting Arrestors (2)		\$30.00
New Antenna for 147.36 machine		\$60.00
		\$63.00
Total Repeater Costs	\$1,538.80	\$1,559.23

### SPECIAL EVENTS

Field Day	\$300.00	\$350.00
Bus to Huntsville Hamfest	\$100.00	\$0.00
Estate Purchase		\$1,000.00
200 Club Patches		\$500.00
Total Special Events	\$400.00	\$1,850.00

### EQUIPMENT MAINTENANCE

Trailer Repairs, etc.	\$500.00	\$450.24
Total Maint. Costs	\$500.00	\$450.24
Total Costs	\$5,452.80	\$6,142.51

## BOARD MEETING MINUTES

January 3, 2012 - Presented by: Tom Raggett KJ4LMH Secretary

Present were:

Rosalinda Melena, Richard Martin, Tom Raggett, Rick Tillman, David Campbell, Joe Lowenthal, Bill Stevens, Ken Laseter, Ham Hilliard, and Steve Smith.

1. The meeting was called to order by President Rosalinda Melena. Rosalinda presented the board with a Thank You letter from St. Jude for the club's service during the annual St. Jude Marathon in December.
2. The board discussed the budget for 2012. Rick Tillman had devised a budget using the 2011 club income and expenditures. There were increases and decreases in several categories. The intent was to have the budget ready for review during the February meeting and target approval in the March meeting.

3. There was discussion about loss insurance for the tower trailer. There was a debate on whether we really needed the trailer or not. The discussion was tabled and would ask the club for opinion on need for trailer. Richard Martin will consolidate all input for later discussion.
4. Field day was discussed. Should field day be a fun day to sell ham radio to the public or a contest? Present to club and get members input of which it should be. It was suggested that before any decision was made, the other clubs should be consulted. Tabled until the other clubs are consulted.
5. Mobile repeater for special events. Do we want to get another repeater for special events? This was suggested because of problems with the Bartlett Christmas parade. It was suggested that we have a committee to test all communications and determine what is needed with the person in charge of the events. More discussion will be required and this item was tabled.
6. 82 net and net control. Do we have enough people to run the 82 net? There was discussion about Delta club members vs. non club members running the net. Email to ask Linda and Lance to find out whether we have adequate people to run the nets. It was suggested that the board should be intimately involved in the nets. It was stated that the nets are great for first time hams.
7. Jackets for Presidents and members. Received quote for jackets for Presidents and members. Presidents will get black jackets. Voted to give jackets to past presidents. Darryl Sheffield, Hugh Wardlaw, Alan Anderson and Rosalinda Melena will be presented jackets at \$50.25. Rosalinda requested years served to put on jackets. Member's jackets were discussed and determined that presidents jackets were the only jackets purchased.
8. Tornado Alley and IMAX. Ham Hilliard was at the meeting discussing the kickoff of the first showing of the IMAX film. Requesting the DARC to man booths after the first showing. The first showing is March 1, 2012. Time is short to get it all planned. Ham will take this item to MARA to request their participation in manning this booth.
9. Mid South VOAD (Volunteer Organizations Active in Disasters) meeting March 8, 9 2012. Meeting will be held at U of M. Meeting hosted by Mid South VOAD. Day 1 hosted by FEMA. Delta Club is requested to participate on Day 2. Presentations in break-out sessions are requested. It was suggested that this would be an excellent opportunity for our club to get very good exposure and showcase ham radio to the community. Only cost to us would be the display we put up. There was much discussion on whether to participate in this meeting. Board said it needed more information to make decisions on whether to participate.
10. Programs. Information on cables, DIY hams. Presentation to new hams on which radios should be used for what purposes. Presentation on WINLINK was suggested. Dean Eicher was requested to do presentation on "Lessons Learned from Joplin, Mo" for the January meeting.
11. Invest surplus money in CD. Tom Raggett will contact bank and report back to Rick Tillman.
12. New Ham of Year. Board voted to award Dean Eicher New Ham of Year.
13. New classes. January Tech class has 37 people and Extra class has 9.

Meeting Adjourned

**Please note that the March 6<sup>th</sup> Board of Directors meeting will be held at the regular time at Exline's on Stage in Bartlett, due to election activities. The March 13<sup>th</sup> Delta Amateur Radio Club meeting is not affected.**

## GENERAL CLUB MEETING MINUTES

January 10, 2012 - Presented by: Bill Stevens WC9S

The regular monthly meeting of DARC was called to order by President Rosalinda Melena KI4ZKW.

- Ham Hilliard W4GMM made a motion, seconded by Mark McCormick KI4TGQ to approve the minutes of the last meeting as printed in Sparks. Passed
- Rick Tillman WA4NVM gave the treasurer's report. Motion to approve as read by Ham Hilliard W4GMM, seconded by Don Gilmore AA4JA. Passed
- Joe Lowenthal WA4OVO reported on new classes getting ready to start this month.
- Bill Stevens WC9S reported that 4 Techs made General at testing tonight.
- Rosalinda Melena KI4ZKW announced that Dean Eicher KJ4WOY was chosen as New Ham of the Year.
- Rosalinda Melena KI4ZKW brought up that we are going to go back and give jackets to the past presidents that have not received them.
- Billy Freeman announced that there are going to be updates to the Tennessee communication qualifications.
- Pat Lane W4OQG announced that Nina Stone WB4CHH won first place in low power phone at the last Tennessee QSO party and he won second place in low power cw.
- Dean Eicher KJ4WOY introduced the new section emergency coordinator for ARES – Pat Lane W4OQG.
- Ray Miller AA4UK announced that the 2012 ham calendar is available on line.
- Dean Eicher KJ4WOY gave the program on the disaster in Joplin, MO.

Meeting adjourned

## AMATEUR PACKET UPDATE

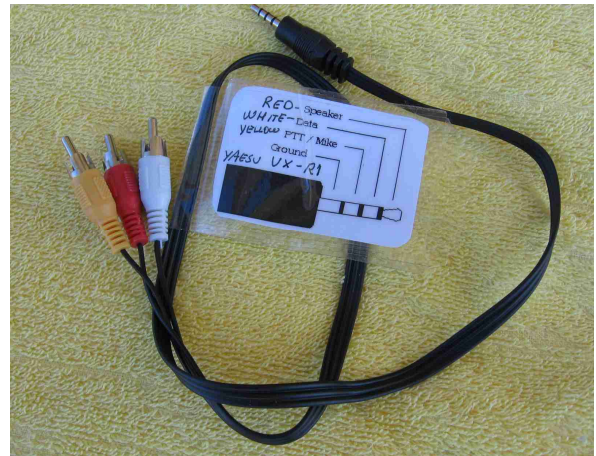
By: James Butler - KB4LJV

Many times we want to be able to operate as much as possible. The ARRL has come out with a book for remote operation. This means how to set up your station so it can be operated over the internet. It tells how the internet works and how amateurs are hooking up the home stations to the internet for remote operation. The book will show how to physically hookup you station and operate. If you want to operate a station from work while on break or while on vacation pick this book up from the ARRL. The part number is 0922 and it cost \$22.95. To order you can go to [www.arrl.org/shop/Remote-Operating-for-Amateur-Radio](http://www.arrl.org/shop/Remote-Operating-for-Amateur-Radio).

## AMATEUR HARDWARE UPDATE

By: James Butler - KB4LJV

Many times we want to hook up our HTs for digital modes. This means we have to be able to get the received audio from the radio, Hook up to the external microphone jack to send audio tones and hook up to have the computer key the radio when needed. Most newer radios have all of this on a single small jack which can be hard to wire up. Companies sell cables for specific radio but they can be high. Ebay has adapters to get you to a connector style that is easier to use. On my Yaesu VX-1R it has all these connection on one 3.5 MM phone jack with four conductors on it. By buying a RCA to 3.5 MM adapter I now have three easy hookup RCA jacks for my interface. These can be found for about \$3.00 including shipping on Ebay. Just search for 3.5 MM to RCA adapter. They make hook up a lot easier.



## 2012 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 2012 from Delta Classes  
24 Technician  
3 General  
0 Extra

### CLASSES PLANNED

If you are interested in any of the classes, send an email to Joe Lowenthal at [wa4ovo@arrl.net](mailto:wa4ovo@arrl.net) with your name, email address, and phone number, preferable cell with subject line of the class you are interested in.

## ***General Class 3-12 – Late February or March 2012***

The next General class is in the planning stage. It will probably start in late February or March on four or five Saturdays from 9am to 1pm. If anyone is interested in this class, send an email to [wa4ovo@arrl.net](mailto:wa4ovo@arrl.net) with you name, email address, and phone number, preferably cell, with subject title General Class 3-12.

## ***CLASSES IN PROGRESS***

### ***Extra Class 1-12 – January 14 – February 25, 2012***

These Extra classes are being held on six Saturdays from 9am to 1pm. Joe Lowenthal WA4OVO led the first class on January 14<sup>th</sup> from the Baptist Women's Hospital due to a power outage in the building at the Memphis-Shelby County Health Department east complex at 1075 Mullins Station. Then, in two classes Dean Honadle N2LAZ covered a refresher on scientific calculators and Extra Class math, electronic principles, components and building blocks, and electronic circuits. Alan Proffitt AE5RX will cover radio signals and requirements, radio modes and equipment, and topics in radio propagation. Pat Lane W4OQG will expound on antenna and feedlines. Bill Stevens' VE team will offer the FCC Extra Class exam on the last day of class.



Twelve students are in Extra Class 1-12 Photo by Joe Lowenthal WA4OVO

Photo from left to right: 1<sup>st</sup> row-Tom Ernst N4LIA; 2<sup>nd</sup> row-Jim Thannum KK4CSX, Scott Chapman KJ4SJR, Larry Hawkins KJ4WOU, Larry Reid KJ4WOR; 3<sup>rd</sup> row-Charles Jester KK4BTV, John Loeffler KC8JGT, Audrey Alexander KG4YZW, Chris Smith KK4FYF; 4<sup>th</sup> row-Mark McCormick KI4TGQ and James Trainer KK4AVW.

## **CLASS INFORMATION**

### ***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](mailto: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 to send an email, or call at 901-683-2701. 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*, 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. Barnes & Noble Booksellers may have this manual. You can purchase it online from [www.msars.com](http://www.msars.com), [www.arrl.org/catalog](http://www.arrl.org/catalog) or on [Amazon.com](http://Amazon.com). The list price is \$29.95 (which includes a CD). The older ARRL Ham Radio License Manual, Second Edition was priced at \$24.95, but did not have a CD.

The current Technician 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.



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. The following are some other ham radio practice exam sites:

- [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 at the end of class by a Volunteer Examiner (VE) team. There is a \$15.00 ARRL VEC FCC exam fee.

### ***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 901-683-2701. A new question pool became effective July 1, 2011. The new textbook is *The ARRL General Class License Manual, Seventh Edition, item #8119, ISBN 978-0-87259-811-9*. This edition with its question pool is valid through June 30, 2015. Lately, we have been running a combined Technician-General class. You will be notified by email or phone when the class is set.

### ***Basic Electronics Class***

The Basic Electronics Class is designed to bridge the electronics-learning gap between the General and the Extra Class licenses. The class textbook is ARRL's *Understanding Basic Electronics, Second Edition*. The suggested calculator is the Casio fx-260 solar calculator, which can be purchased at Wal-Mart for about \$10. There is no exam for this class. The class has been held in the September-November time frame.

If you are interested in the Basic Electronics Class, please let us know by sending an email with name, email address and contact phone, preferably cell number to [wa4ovo@arrl.net](mailto:wa4ovo@arrl.net) with subject line "Basic Electronics Class" or call at 901-683-2701. You will be notified by email or phone when the class is set.

### ***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 901-683-2701. You will be notified by email or phone when the class is set. Classes have been held on Saturdays for 6 or 7 weeks in January and February.

## COMPLETED CLASSES

### *Technician Class 2-12 – January 21st & February 4th, 2012*

Tech Class 2-12 was held in conjunction with the First Regiment of the Tennessee State Guard. The start of class was delayed a week due to planned power outage at the Memphis-Shelby County Health Dept east complex. On February 4<sup>th</sup>, 26 students took their FCC Technician exam; 21 earned Technician licenses and 3 earned their Technician and General Class licenses. On February 11<sup>th</sup> there will be a class on repeater usage, and programming the Wouxun radio. Hopefully, this will give the students the courage and the ability to get on the air.



Congratulations goes out to Jamie Berry KK4GQH, Angela Courtney KK4GQW, Dave Cullen KK4GQI,



Jared Ford KK4GQJ, Dale Gilbert KK4GQK, Chuck Henderson KK4GQL, Kerry Kahl KK4GQX, Kathy Kennedy KK4GQM, John Miller KF5OIJ, Christopher Noa KK4GQO, Brad Prince KF5OIL, Lance Ray KK4GQP, Richard Shaw KF5OIM, Jenny Stafford KK4GQQ, Ronald Steadmon-Keanon KF5OIN, Gary Taylor KK4GQR, Merrie Troxel KK4GQT, William Thomas KK4GQS, Andrea Wulff KK4GQY, Louis Wulff KK4GQU, Ben Baker KK4GQG, Ruben Barrett KK4GQV.

Additional congratulations go to Kevin Murdoch KF5OIK, Richard Shaw KF5OIM, and Harry LaVoice KK4GQN who earned both Technician and General Class licenses.

### *Troop 457 Merit Badge College – February 11, 2012*

A Radio Merit Badge class was held on Saturday morning, February 11, 2012 as a part of Troop 457's Merit Badge College for the Chickasaw Council at St. Benedict Auburndale School. Ten scouts completed their merit badge requirements. One scout was a ringer for the badge with brother Sam KE5NBC, mother Tommie KE5NBD, and father Jud KF5OPL already hams. Hugh WB4SLI led the class with help by Ken Laseter KI4AOH as control operator while the scouts conducted QSOs with Ray KJ4SBC.

### *Troop 225 Merit Badge Class – February 11, 2012*

A Radio Merit Badge class was held on Saturday afternoon, February 11, 2012 by Troop 255 at Bartlett United Methodist Church. Hugh Wardlaw WB4SLI conducted the classes. Ken Laseter KI4AOH was control operator for the six scouts to conduct their QSOs through the 146.82 repeater with Dean KJ4WOY and Jeff AJ4GY.



## SILENT AUCTION

During the meeting this Tuesday (February 14, 2012) we are going to have a silent auction to get rid of estate items that have not been sold so far. Some of the items will have minimums but most will not. Below is a list of items/lots to be put up for auction. **If anyone would like to donate any items to be sold at this auction, you are welcome to bring them to the meeting and the items will be added to the sale.**

- Pakratt pk-232mbx multi-mode data controller
- The Morse Code Machine
- Lpf-30Low Pass Filter 30 mgz 1500 watts
- Kenwood TH-77a Dual Band HT with new battery
- Larson NMO-K hole mount kit
- Gold Star DM-7241 Digital Multimeter
- Cushcraft R5 HF vertical antenna
- 1 lot of 2 antenna matchers
- 1 lot of 2 CBs with mag mounts
- 1 dipole
- MFJ-924 UHF Antenna Tuner
- 1 Come-a-long
- 1 lot of misc. wire
- 1 lot of wall warts and 1 transformer
- 1 lot of telephone stuff
- 1 lot of RCA and other jumpers
- 1 lot of misc computer stuff also including 2 scanners and 1 printer
- 1 lot of a wireless headset and 1 headset
- Astron RS-20A-BB power supply (will not hold constant voltage)

## 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  
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### **2012 BOARD OF DIRECTORS**

**President:**

Rosalinda Melena – KI4ZKW  
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**Vice-President:**

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**Secretary:**

Tom Raggett – KJ4LMH  
[traggett@bellsouth.net](mailto:traggett@bellsouth.net)

**Treasurer:**

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**Director of Training:**

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**Director of Publications:**

Kenneth Laseter – KI4AOH  
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**Director of Programs:**

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[kd4noq@arrl.net](mailto:kd4noq@arrl.net)

**Director of Meetings & Special Events:**

David Gilbert – AJ4LV  
[aj4lv@hotmail.com](mailto:aj4lv@hotmail.com)

## PUBLIC SERVICE EVENTS --- 2012

**I STILL NEED UPDATED 2012 DATES FOR THE FOLLOWING EVENTS PRINTED IN RED. IF THE DATES SHOWN ARE NOT CORRECT PLEASE EMAIL THEM TO ME AT YOUR EARLIEST CONVENIENCE. THANKS!**

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 2012</b> 15 <sup>th</sup>	Swamp Stompers.	Danny– KJ4FXZ	<a href="mailto:kj4fxz@arrl.net">kj4fxz@arrl.net</a>
<b>February 2012</b> 11 <sup>th</sup>	Boy Scout Merit Badge University.	Hugh – WB4SLI	<a href="mailto:hwardlaw@bellsouth.net">hwardlaw@bellsouth.net</a>
<b>March 2011</b> <b>4<sup>th</sup> weekend</b>	<b>City Slickers Equestrian Event</b>	<b>Richard – NF5B</b>	(No Contact Information)
<b>April 2011</b> 28 <sup>th</sup>	March for Babies (March of Dimes).	Bob – KF4NDH	<a href="mailto:kf4ndh@bellsouth.net">kf4ndh@bellsouth.net</a>
<b>30<sup>th</sup></b>	<b>Tour de Cure</b>	<b>Denise – KJ5DG</b>	<a href="mailto:kj5dg.denise@gmail.com">kj5dg.denise@gmail.com</a>
<b>May 2012</b> 19 <sup>nd</sup>	Memphis in May Triathlon.	Ned - KA4BLL	<a href="mailto:ka4bll@arrl.net">ka4bll@arrl.net</a>
<b>September 2011</b> <b>10<sup>th</sup> &amp; 11<sup>th</sup></b>	<b>MS 150 Bike Ride</b>	<b>Darrell - KK4D</b>	<a href="mailto:kk4d@xipline.com">kk4d@xipline.com</a>
<b>December 2011</b> 8 <sup>th</sup>	St. Jude Marathon	Roger – WR4R	<a href="mailto:wr4r@bellsouth.net">wr4r@bellsouth.net</a>
8 <sup>th</sup>	Bartlett Christmas Parade	Dennis – KJ4BDU	<a href="mailto:dccv3714@aol.com">dccv3714@aol.com</a>
TBA	Juvenile Diabetes Research Foundation Walk	Kathleen - KC0HZU	(No Contact Information)

## 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
Collierville CERT Net	444.125+(107.2)	7:00p	W
Two Meter Single Sideband Net	144.260 USB	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 (Rev. 2)

**GOOD EVENING:** This is \_\_\_\_\_ calling this session of the DELTA CLUB'S TRAFFIC AND INFORMATION NET. This net is affiliated with the ARRL and the NTS and is organized to pass traffic in and out of the mid - south area, in addition to providing information about club events and amateur related topics. This net meets nightly at 8:00 p.m. CT except the second Tuesday of the month on the 146.82 W4BS repeater and **requires** a pl. tone of 107.2 Hz. All stations will refrain from transmitting without being acknowledged by net control.

All licensed amateurs are encouraged to participate.

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.

Is there an NTS Liaison station on frequency?

Is there any station wishing to list formal written traffic?

Does any station have announcements for the net?

**(If anyone asks to make an announcement after you finish handling the ones taken here ask them to hold until after the monolog. Eliminate the following sentence unless there are announcements.)**

Does any station have any questions or need any fills?

We will now take check-ins. Are there any stations that are mobile, on battery power, or needing to leave early, if so please come now phonetically with your suffix only and please remember to spread them out?

We will now take check-ins phonetically by suffix only if your suffix begins ALPHA through HOTEL please come now and remember to spread them out.

We will now take check-ins phonetically by suffix only if your suffix begins INDIA through KEEBECK please come now and remember to spread them out.

We will now take check-ins phonetically by suffix only if your suffix begins ROMEO through ZULU please come now and remember to spread them out.

The DELTA CLUB meets the second Tuesday of each month at the ELLENDALE CHURCH OF CHRIST 7365 HWY 70 in Bartlett at 7:00 P.M. V. E. Registration begins at 5:30 P.M. with testing starting promptly at 6:00 P.M. A copy of your license and CSCE is required. For V. E. Information contact Bill, WC9S at 603-3448. For membership information contact Bill, WC9S at 603-3448. For training information contact Joe WA4OVO at 683-2701.

Are there any additional announcements?

We will now take late check-ins from anywhere in the alphabet ALPHA through ZULU please come now and spread them out.

Is there anything that this station or the net can do for anyone before we close?

This is \_\_\_\_\_ now closing this session of the DELTA AMATEUR RADIO CLUB'S Traffic and information net and would like to thank all \_\_\_\_\_ stations for checking in tonight. And would like to ask that everyone to check in tomorrow night at the same time.

GOODNIGHT AND 73: THE NET IS NOW CLOSED. \_\_\_\_\_ 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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# 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

<b>FULL PAGE</b>  <b>\$50.00</b> for 3 Months 7" w X 8 ½" h  <input type="checkbox"/>			<b>HALF PAGE</b>  <b>\$25.00</b> for 3 Months 7" w X 4" h  <input type="checkbox"/>			<b>¼ PAGE</b>  <b>\$15.00</b> for 3 Months 3 ½" w X 4" h  <input type="checkbox"/>			<b>BUSINESS CARD</b>  <b>\$10.00</b> for 3 Months 3 ½" w X 2" h  <input type="checkbox"/>		
Jan 2012	Feb 2012	Mar 2012	Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012	Sept 2012	Oct 2012	Nov 2012	Dec 2012