

# DELTA AMATEUR RADIO CLUB

# SPARKS

P.O. Box 750482 \* Memphis, Tennessee 38175 -0482 \* Volume 19 \* May 2013



## 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:** May 14<sup>th</sup>, 2013 (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:** “HF Remote Control via Ham Radio Delux and Skype”  
Presented by: Jeff Krause AJ4GY

**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 WN2V

**Happy May to all!** This month's article is going to be short and **SWEET**...literally.

Being in the South, at one time or another we've all been called "Honey". I'm infamous for greeting folks with a "Baby", "Sugar" or "Honey" and the OM (W5VAA) knows he's in trouble when I start building a "Honey-Do" list. But have you ever given any real thought to the unique food, HONEY?

**Honey** (pron.: /h̄ni/) is a sweet food made by bees using nectar from flowers. The variety produced by honey bees (the genus *Apis*) is the one most commonly referred to, as it is the type of honey collected by beekeepers and consumed by humans. Honey produced by other bees and insects has distinctly different properties.

Now a few facts about honey that you may not know...

- Honey has approximately the same relative sweetness as that of granulated sugar.
- Most microorganisms do not grow in honey because of its low water activity of 0.6. However, honey sometimes contains dormant endospores of the bacterium *Clostridium botulinum*, which can be dangerous to infants.
- Bees carry an electrostatic charge whereby they attract other particles in addition to pollen, which become incorporated into their honey; the honey can be analysed for radioactive particles, dust and particulate pollution.
- Ripe honey, has a long shelf life, and will not ferment if properly sealed.
- Below 5°C, the honey will not crystallize and, thus, the original texture and flavor can be preserved indefinitely. At very low temperatures, honey will not freeze solid. Instead, as the temperatures become colder, the viscosity of honey increases.
- In ancient Egypt, honey was used to sweeten cakes and biscuits, and was used in many other dishes. Ancient Egyptian and Middle Eastern peoples also used honey for embalming the dead.
- In 2012, China, Turkey, and Ukraine were the top producers of natural honey. Significant regional producers of honey include United States of America (ranked fourth worldwide) and Russia (ranked fifth worldwide). Honey consumption per capita per year exceeds one kilogram in some countries like Austria, Germany and Switzerland.



As always, 73 to all and **BEE** (*you knew that was coming*) Safe!

## TEN USES FOR HONEY

By: Rosalinda Melena WN2V

- 1. Relieve Hangovers.** Had a little *too* much fun last night? A few tablespoons of honey, which is packed with fructose, will help speed up your body's metabolism of alcohol.
- 2. Heal Wounds, Cuts, Scrapes & Burns.** Don't reach for the Neosporin the next time you cut or burn yourself — simply apply honey to the affected area. Honey works as a natural antiseptic.
- 3. Soothe Sore Throats and Coughs.** Combine honey with the juice of one lemon and drink. It works like a wonder!
- 4. Moisturize Dry Skin.** Honey is a fantastic moisturizer, especially on dry patches, like your elbows or hands — even your lips! Rub onto your dry, patchy skin and let it sit for about 30 minutes before washing off. Honey also makes a great lip balm!
- 5. Condition Damaged Hair.** Honey is a great natural conditioner. You can simply add a teaspoon of the stuff to your regular shampoo to smooth your damaged locks. You can also combine it with olive oil for a deeper conditioning. Let it soak for 20 minutes with your hair wrapped in a towel before shampooing as usual.
- 6. Have an Amazing Bath.** Relax your body and soak your skin in a soothing bath. Add 2 tablespoons of honey to 1 cup of hot water and let it dissolve for about 10 minutes. Add 2 or 3 drops of lavender essential oil and add it to your bath.
- 7. Remove Acne.** Stubborn acne can really benefit from a small daily dab of honey. Place a band-aid over the pimple, and take it off 30 minutes later.
- 8. Give Yourself a Facial.** Combine 2 teaspoons of milk with 2 tablespoons of honey. Cover your face with the mixture and let it sit for 10 minutes before washing off.
- 9. Boost Your Energy.** Quit turning to coffee for your daily energy boost. Replace your cup of Joe with a cup of tea. Mix in a tablespoon or so of honey.
- 10. Substitute Honey for Sugar in Baking.** For every cup of sugar a recipe calls for, replace it with 3/4 cup of honey. For best results, add 1/4 teaspoon of baking soda and reduce another liquid in your recipe by 1/4 cup. Also, reduce the oven temperature by 25 degrees.

## A FEW HONEY INFUSION RECIPES . . .

By: Rosalinda Melena WN2V

### **WARMING SPICE HONEY**

- 1 cup honey
- 3 cinnamon sticks
- 1 teaspoon whole cloves
- 3 pieces star anise
- 6 cardamom pods

1. Bring honey and spices to a boil, then reduce heat and simmer for five minutes.
2. Remove from heat and let sit for up to 24 hours.
3. Reheat, strain and cool.

### **ROSE PETAL HONEY**

Use fresh rose petals, but be absolutely sure that the flowers have not been treated with pesticide. You can also try this recipe with dried lavender flowers —use 2 tablespoons dried lavender buds in place of the rose petals.

- 1 cup honey
- ½ cup fresh rose petals

1. Bring honey to a boil, remove from heat and stir in rose petals.
2. Let sit for four hours, return to a boil, then strain and cool.

### **GINGER LIME HONEY**

- 1 cup honey
- 8 slices fresh ginger
- 2 limes, zest only

1. Bring all ingredients just to a boil in a small saucepan, then reduce heat to low and simmer for five minutes.
2. Remove from heat and let sit for ten minutes. Strain and cool.

### **TART FIG HONEY**

- 1 cup apple cider vinegar
- 1 cup honey
- 2 cups dried figs, quartered

1. Combine ingredients in a saucepan and bring to a boil.
2. Reduce heat to a low simmer and cook for 30 minutes, stirring occasionally.
3. Remove from heat, cool, and strain.

### **HOT PEPPER HONEY**

- 1 cup honey
- 2 jalapenos, quartered, or 2 teaspoons crushed red pepper flakes

1. Combine ingredients in a saucepan and bring to a boil.
2. Reduce heat to a low simmer and cook for 30 minutes, stirring occasionally.
3. Remove from heat, cool, and strain

**TREASURER'S REPORT**

Submitted By: Rick Tillman WA4NVM

<b>Beginning Balance</b>	<b>as of April 1, 2013</b>	<b>\$11,693.99</b>
--------------------------	----------------------------	--------------------

**Expenses**

David Gilbert	Meeting Treats	\$20.70
Repeater Repair	(4) Surge Protectors	\$50.00

<b>Total Expense</b>	<b>\$70.70</b>
----------------------	----------------

SubTotal **\$11,623.29**

**Income**

Membership Dues	Year 2013	\$695.00
Tickets	November Drawing	\$140.00
Club Patch		\$5.00
Huntsville Bus Trip	2013 Ticket	\$60.00

<b>Total Income</b>	<b>\$900.00</b>
---------------------	-----------------

<b>Ending Balance</b>	<b>as of April 30, 2013</b>	<b>\$12,523.29</b>
-----------------------	-----------------------------	--------------------

Submitted by Rick Tillman WA4NVM

**BOARD MEETING MINUTES**

April 2, 2013 - Presented by: Tom Raggett KJ4LMH Secretary

Board Members present: Richard Martin, Bill Stevens, Rosalinda Melena, David Campbell, Joe Lowenthal, David Gilbert, Tom Raggett, Steve Smith.

1. Treasurer's Report—Approved as submitted by Richard Martin in the absence of Rick Tillman.
2. Field Day—Plans are progressing for Field Day at St. James Catholic Church.
3. FreeFest—Delta Club will have 2 tables for members to sell items. Each item should be labeled with a name, price and phone number.
4. Training—General Class started on 4/1/13 and will run through 5/6/13. There are 25 students in the class.

5. Program—Program this month is the continuation of the Ham Shack presentations. Ham Hilliard will give presentation this month.
6. Skywarn Class—Joe Lowenthal will give summary of the class to General Meeting.
7. CertPlus—Bill Stevens will summarize and discuss CertPlus to the General Meeting.
8. Advertising—Joe Miller (KK4NER) donated Chick-Fill-A coupons for distribution at the FreeFest when attendees buy tickets. Joe will be given advertising in SPARKS for the donation.
9. Officers for 2014—Bill Stevens discussed officer elections for 2014. Thought should be given on candidates for each office.
10. Meeting adjourned—Richard Martin made motion to adjourn and Bill Stevens seconded.

## GENERAL CLUB MEETING MINUTES

April 9, 2013 - Presented by: Tom Raggett KJ4LMH

1. President Rosalina Melena called meeting to order and introductions were held.
2. Treasurer's Report—Rick Tillman presented Treasurer's report. Ham Hilliard made motion to accept and Steve Smith seconded as published in SPARKS. Rick was also selling tickets to Free Fest.
3. Minutes—Ham Hilliard made motion to accept minutes as published in SPARKS. Jeff Krause seconded.
4. Announcements—Henry Leggette noted that that was a Director of Youth in the district during previous years and since the present Director has resigned and new one is needed. Henry was open to suggestions on who would be a good candidate. Jeff Krause noted that there was help needed for the Westcor/VEC function.
5. Testing—Bill Stevens reported that there were 2 new Techs and 1 new General. He also noted that there was a General class in progress and scheduled to end 5/6/13.
6. Huntsville Bus Trip—August 17, 1013 is the date for the bus trip to the Huntsville Hamfest. Bus will be committed and more info will come later.
7. SkyWarn (Storm Spotters Class)—Bill Stevens reported that there were 136 people in the storm spotter's class in March. Bill also discussed the Cer tPlus program. This program is available to any municipality interested in starting a CERT program. The program will supply instructors for the classes.
8. WXMEM—Bill Covington shared information needed when the 146.82 repeater is being used to aid in forecasting severe weather. He gave specific information on what and how information should be reported. Bill said they needed additional people to help. He also said it would be good to have the SkyWarn training.
9. Freefest—David Gilbert reminded everyone that DARC would have 2 tables at Free Fest and information needed on each item for sale.
10. Event announcements—Ned Savage noted that he MIM Triathlon would be May 19, 2013. Sign up at next meeting.

Pat Lane said volunteers were needed for the Diabetes Bike Race on April 27, 2013. He needed 7 mobile units with at least 50 watts.

Linda Laseter needed volunteers for the March of Dimes Walk for Babies on April 27, 2013.

11. Program—Ham Hilliard presented his Ham Shack layout.
12. Meeting adjourned—Ham Hilliard made motion to adjourn and Steve Smith seconded.

## AMATEUR PACKET UPDATE

By: James Butler - KB4LJV

The ARRL has come out with a new book about portable radios. It is called *Radios to Go, Getting the Most from your Handheld Transceiver*. This book describes capabilities of handhelds. It has articles on getting the most from your battery packs. The book tells about radio memories, scanning and advanced features of handhelds. *Radios to Go* also gives information on antennas and microphones. It's the complete HT reference book you can use for handheld information. Check it out at the ARRL website store. The address is <http://www.arrl.org/shop/Radios-to-Go/>

## AMATEUR HARDWARE UPDATE

By: James Butler - KB4LJV

One problem we all have at home is trying to listen to our HTs without them falling over or getting knocked a round. What is need is a large platform that the HT can be attached to make it stable. Although you could build one out of wood, an easier way is to reuse something you might throw away. When you buy a new LCD TV they usually come with a separate base section you can attach to TV. Most people now use a separate mount to attach the TV to the wall. The old "stand" then gets thrown in the trash. A small bracket will allow the HT to attach to the unused stand. You now have a very stable platform for your HT which will keep it vertical and in place. With old LCD TVs being replaced, these old stands can be reused for holding HTs.



## HUNTSVILLE HAMFEST BUS TRIP – August 17, 2013

Submitted by: Joe Lowenthal WA4OVO, Director of Training

DARC is sponsoring a 50-passenger bus to go to the Huntsville Hamfest on August 17, 2013. There is a graduated scale fare for the bus trip. The fare is \$60 if paid by June 24, 2013. The fare is \$65 if paid by August 13, 2013, and \$70 if paid after August 13th. 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. You can also send your check to Joe Lowenthal WA4OVO, 6675 Ashbridge Cove, Memphis, TN 38120. Please include your name, callsign, 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 17th. A second pickup point will be at Germantown Baptist Church, 9450 Poplar Avenue at Johnson Road, Germantown, TN at approximately 6:40am. 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.

## **2013 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 2013 from Delta Classes

14 Technician

3 General

5 Extra

### **CLASSES IN PROGRESS**

***General Class 3-13 – April 1 – May 6, 2013***

A General Class is being held on 6 Monday nights at 6:15 -9:30pm from April 1<sup>st</sup> through May 6<sup>th</sup> at Lord of Life Lutheran Church, 6865 Poplar Pike. There are 22 students in the class with two General Class licensees getting a refresher. Joe Lowenthal WA4OVO, Ed Arndt KV4LF, and Pat Lane W4OQG are the instructors.

### **CLASSES PLANNED**

None

### **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 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 questions 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**

#### ***Tech Class 2-13 – February 11 – March 18, 2013***

Tech Class 2-13 was held on 6 Monday nights from 6:15 -9:30pm from February 11th to March 18th at Lord of Life Lutheran Church, 6865 Poplar Pike. Eighteen students attended class the first night. Joe Lowenthal WA4OVO and Pat Lane W4OQG were the instructors. Hugh Wardlaw WB4SLI and Michael Knight KK4IOH provided operating information on the sixth night of class. Bill Stevens WC9S, Rick Tillman WA4NVM, Richard Martin K4DXF, Harry LaVoice KV4LD and Jim Norton WD4T were Elmers.

Fourteen students passed their Technician exam. Thirteen took their exam on the fifth night of class. Congratulations to Keith Burns KK4PRZ, Mike Dawson KK4PRO, Nancy Forsyth KK4PRW, Jim Gallagher KK4PRX, Errol Hook KK4PRV, Michael Jackson KK4PRR, Eric Johnson KK4PRN, Janet Kelly KK4PRT, Chris Nicholson KK4PRP, William Saulsberry KK4PRQ, Keith Saunders KK4PRM, Linda Taylor KK4PRU, and Robert Taylor KK4PRY. Additional congratulations go to Keith Burns, Jim Gallagher, and Robert Taylor for also upgrading to General at the same time. Urania Erskine KK4POK passed her Technician exam on Saturday, March 16<sup>th</sup>, with the WCARS VE team.

#### ***Tech Class 2-13 – February 11 – March 18, 2013***

#### ***Extra Class 1-13 – January 12 – February 23, 2013***

#### ***Troop 225 Merit Badge Class – February 9, 2013***

## 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

### **2012 BOARD OF DIRECTORS**

**President:**

Rosalinda Melena – WN2V  
901-921-4474  
[wntwov@gmail.com](mailto:wntwov@gmail.com)

**Vice-President:**

Richard Martin – K4DXF  
901-372-3722  
[k4dxf@att.net](mailto:k4dxf@att.net)

**Secretary:**

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

**Treasurer:**

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

**Director of Training:**

Joe Lowenthal – WA4OVO  
901-683-2701  
[wa4ovo@yahoo.com](mailto:wa4ovo@yahoo.com)

**Director of Publications:**

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

**Director of Programs:**

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

**Director of Meetings & Special Events:**

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

## PUBLIC SERVICE EVENTS --- 2013

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).

<b>DATE</b>	<b>EVENT</b>	<b>COORDINATOR</b>	<b>CONTACT INFO.</b>
<b>January 2013</b> 20 <sup>th</sup>	Swamp Stompers.	Danny– KJ4FXZ	<a href="mailto:kj4fxz@arrl.net">kj4fxz@arrl.net</a>
<b>February 2013</b> 9 <sup>th</sup>	Boy Scout Merit Badge University.	Ken – KI4AOH	<a href="mailto:kmlaseter@laseterinc.com">kmlaseter@laseterinc.com</a>
<b>April 2013</b> 27 <sup>th</sup>	March for Babies (March of Dimes).	Linda – KJ4CTX	<a href="mailto:llaseter@laseterinc.com">llaseter@laseterinc.com</a>
27 <sup>th</sup>	Tour de Cure	Denise – KJ5DG	<a href="mailto:kj5dg.denise@gmail.com">kj5dg.denise@gmail.com</a>
<b>May 2013</b> 19 <sup>th</sup>	Memphis in May Triathlon.	Ned - KA4BLL	<a href="mailto:ka4bll@arrl.net">ka4bll@arrl.net</a>
<b>September 2013</b> 7 <sup>th</sup> and 8 <sup>th</sup>	MS 150 Bike Ride	Darrell - KK4D	<a href="mailto:kk4d@xipline.com">kk4d@xipline.com</a>
<b>December 2013</b> 7 <sup>th</sup>	St. Jude Marathon	Roger – WR4R	<a href="mailto:wr4r@bellsouth.net">wr4r@bellsouth.net</a>

---

## MEMPHIS AREA VHF/UHF NETS

Net Name	Freq. MHz	Local Time	Day
Mid-South Barefooted Bullfrog net	146.535	7:30p	Daily
<b>Delta Club Traffic and Information Net</b>	<b>146.820 - (107.2)</b>	<b>8:00p</b>	<b>Daily</b>
Secret Service Net	224.780 -	8:30p	M
Elmer Net	147.030 + (107.2)	9:00p	M
The Short Winded Net	146.850 -	8:30p	Tu
MedMERS Net	146.730 - (107.2)	12:00p	W
Six Meter Tech Net	53.01 -	8:30p	W
The 440 Net	443.200 + (107.2)	9:00p	W
Collierville CERT Net	444.125 + (107.2)	7:00p	W
TAC 2 Net	224.420 -	8:30p	Th
ARES Training Net	146.880 - (107.2)	9:00p	Th

## TENNESSEE HF NETS

Net Name	Freq. MHz	Local Time	Day
Tennessee CW Net	3.563	7:00p	Daily
Tennessee Slow CW Net	3.682	7:30p	T-Su
Tennessee Early Morn Phone Net	3.980	5:40a	M-F
Tennessee Morning Phone Net	3.980	6:45a	M-F
Tennessee Evening Phone Net	3.980	6:30p	T-Su
CUSEC (Center for United States Earthquake Consortium)	3.810	As needed	
CUSEC (Center for United States Earthquake Consortium)	7.180	As needed	

## DELTA CLUB 146.82 NET PREAMBLE (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 Tom, KJ4LMH at 517-0492. 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)

**Savage**  
**T**.ile  
**C**ompany

Installers of  
commercial & residential  
ceramic, quarry, marble & slate tiles  
(901) 363-9607 or Fax (901)365-1992  
5579 Federal Avenue  
Memphis, TN 38118-7918

Ned Savage

35 YEARS of EXPERIENCE

**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

# 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 1/2" h  <input type="checkbox"/>			<b>HALF PAGE</b>  <b>\$25.00</b> for 3 Months 7" w X 4" h  <input type="checkbox"/>			<b>1/4 PAGE</b>  <b>\$15.00</b> for 3 Months 3 1/2" w X 4" h  <input type="checkbox"/>			<b>BUSINESS CARD</b>  <b>\$10.00</b> for 3 Months 3 1/2" w X 2" h  <input type="checkbox"/>		
Apr 2013	May 2013	Jun 2013	Jul 2013	Aug 2013	Sept 2013	Oct 2013	Nov 2013	Dec 2013	Jan 2014	Feb 2014	Mar 2014





**DELTA AMATEUR RADIO CLUB**  
P.O. Box 3428, TN 38184-2 768  
**2013 MEMBERSHIP APPLICATION**



Call sign \_\_\_\_\_ License Exp. Date \_\_\_\_ / \_\_\_\_ / \_\_\_\_ New Member \_\_\_\_ Renewa \_\_\_\_  
License Class (Check One) \_\_\_\_ NOV \_\_\_\_ TECH \_ \_\_\_\_ TECH + \_\_\_\_ GEN \_\_\_\_ ADV \_\_\_\_ EXTRA  
Last Name \_\_\_\_\_ First Name \_\_\_\_\_ ARRL Member \_\_\_\_ Yes \_\_\_\_ No  
Address \_\_\_\_\_ Birthday-Month \_\_\_\_ Day \_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip+4 \_\_\_\_\_ + \_\_\_\_  
Area Code \_\_\_\_\_ Home Phone \_\_\_\_\_ Email \_\_\_\_\_

**This membership current through December 2013**

This membership current through December 2013

Club dues:	INDIVIDUAL MEMBERSHIP (\$30.00)*	\$ _____
	FOR FAMILY MEMBERSHIP ADD (\$5.00)	\$ _____
	DONATION	\$ _____
	TOTAL	\$ _____

\* Individual dues will be **pro-rated** quarterly for **new members only** (NOT RENEWALS), as follows: January to March – 100% (\$30.00), April to June – 75% (\$22.50), July to September – 50% (\$15.00), October to December – 25% (\$7.50).

Family membership is five dollars in addition to the individual membership fee, which includes any immediate licensed or unlicensed family members living in your home who desire to be Delta Club members.

Please provide family member information below **ONLY** if you are applying for a family membership.

Name (First, Middle, Last)	Call sign (if licensed)	Lic. Class	Lic. Exp. Date	Birthdate: (Mo/Day)
1. _____	_____	_____	_____	_____
2. _____	_____	_____	_____	_____
3. _____	_____	_____	_____	_____
4. _____	_____	_____	_____	_____
5. _____	_____	_____	_____	_____

**CLUB USE ONLY, PLEASE DO NOT WRITE BELOW THIS LINE**

\*\*\*\*\*

\_\_\_\_\_ CASH \_\_\_\_\_ CHECK # \_\_\_\_\_ AMOUNT \_\_\_\_\_ RECEIVED BY: \_\_\_\_\_

PROCESSED BY SECRETARY \_\_\_\_\_ DATE \_\_\_\_\_

PROCESSED BY TREASURER \_\_\_\_\_ DATE \_\_\_\_\_

PROCESSED BY DISTRIBUTION \_\_\_\_\_ DATE \_\_\_\_\_