Welcome to the Delta Amateur Radio Club!

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

W4BS
REPEATER SYSTEM
146.820 -107.2
147.360-107.2
224.420
443.200

NEXT CLUB MEETING

DATE: September 11, 2012 (2\textsuperscript{nd} Tuesday of each month)
PLACE: Ellendale Church Of Christ, 7365 Highway 70
Memphis, TN (1 \frac{1}{2} miles north of Hwy. 64 – Stage Road)
TIME: 7:00 PM
PROGRAM: “Chokes and Baluns”
Presented By: Gary Weatherford

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

ELECTION OF NEW OFFICERS
By: Kenneth Laseter KI4AOH

If any member would like to serve as an officer of the Delta Amateur Radio Club, please let Thomas Raggett kj4lmh@arrl.net know. I believe there are two basic requirements 1) must be a club member, and 2) must have attended at least six (6) club meetings during calendar 2012. Also, if you know someone you think would make a good officer, submit their name and one of the Directors will contact them. Please do this promptly so we can publish a list of candidates in the October SPARKS. Our election of new officers will be held at the club meeting in November.
Happy (and HOT) September to all -

September 2012 is shaping up to be a very busy month with several community and ham events taking place.

September 8-9 is the annual MS Bike Ride event. Past DARC President and current member, Darrell Sheffield, KK4D, coordinates this event. This is a two-day radio event. Many DARC members volunteer time and vehicles to support this event. A big thank you goes out to Darrell and all the volunteers. My “OM” (KI4YOP) and I are taking a break from our tower project to work this event.

September 8-9 is the NE5BO VHF Contest Group’s annual Mt. Nebo weekend. From all accounts, the group has a great time eating, eating and in between eating, they have fun making a few radio contacts. Well, there’s nothing wrong with having a little fun. So, I wish the group clear skies and good propagation!

September is National Preparedness Month. As ham radio operators, being prepared is nothing new to us. That said it never hurts to refresh and re-visit radio skills and personal preparedness plans. Take a few minutes to visit “www.Ready.gov” and pass along the web-link to friends. Remember, we’re still in hurricane season and bad weather may be just around the corner.

Lastly, let us take a moment to remember September 11th. Memories of disbelief and suffering are mixed with memories of great heroism. As a nation, we came together to face a challenge … a challenge to help those in need, to comfort those in pain and the challenge to rebuild and go on. Through the pain and shock, this nation gathered it’s strength and rose to the task as only America can … with courage and compassion. Please join me in honoring the memory of those lost with a moment of silence and a prayer for those still suffering.

“Let every nation know, whether it wishes us well or ill, that we shall pay any price, bear any burden, meet any hardship, support any friend, oppose any foe to assure the survival and the success of liberty.” - John Fitzgerald Kennedy, 1961

As always, take care and be safe. 73!
Rosalinda Melena / WN2V
DARC President
2011 and 2012
CONGRATULATIONS ON EAGLE SCOUT AWARD
Submitted by: Joe Lowenthal WA4OVO, Director of Training

Dale Gilbert KK4GQK, son of Debbie and David Gilbert AJ4LV, received the prestigious Boy Scouts of America Eagle Scout award on August 26th. He is a member of Troop 65 at First Baptist Church in Collierville. Dale's Eagle Project required that he manage the clearing of privet in an area along the Wolf River just to the east of Lowe's to be used as an outdoor classroom by the Wolf River Conservancy.

The ARRL Herb S. Brier Instructor of the Year Award

At the Huntsville Hamfest this year, David Norris K5UZ, Delta Division Director publically recognized and congratulated Joe Lowenthal WA4OVO on winning the 2012 ARRL Herb S. Brier Instructor of the Year Award.

UPCOMING EVENT

Due to weather the Tour de Collierville bike ride has been rescheduled for Saturday, September 29th. Please mark your calendars. The ride starts at 7:00 am from W.C. Johnson Park. If you would like to volunteer to help with communications please contact John Wood at wv5j@netscape.net.
## TREASURER’S REPORT
Submitted By: Rick Tillman WA4NVM

<table>
<thead>
<tr>
<th><strong>Beginning Balance</strong> as of August 1, 2012</th>
<th>$9,795.91</th>
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</thead>
</table>

### Expenses

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
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<tbody>
<tr>
<td>Meeting Refreshments</td>
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</tr>
<tr>
<td>Hay Co. ARRL Equip. Insur.</td>
<td>$143.00</td>
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<tr>
<td>Top Notch Travel Huntsville Bus</td>
<td>$1,600.00</td>
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<tr>
<td>Joe Lowenthal Food &amp; Tip Bus Trip</td>
<td>$312.19</td>
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<tr>
<td>Huntsville Hamfest 46 Entry Tickets</td>
<td>$322.00</td>
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<tr>
<td>Tire-Boy Used Tire - Trailer</td>
<td>$29.00</td>
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**Total Expense** $2,438.50

**SubTotal** $7,357.41

### Income

<table>
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<tr>
<td>Membership Dues Year 2012</td>
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<tr>
<td>Huntsville Bus Ticket PreSale</td>
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<tr>
<td>Donation</td>
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<td>Tickets November Drawing</td>
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<td>Club Patch</td>
<td>$10.00</td>
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<tr>
<td>Donated Gear Repeater Sales</td>
<td>$500.00</td>
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**Total Income** $1,037.50

<table>
<thead>
<tr>
<th><strong>Ending Balance</strong> as of August 31, 2012</th>
<th>$8,394.91</th>
</tr>
</thead>
</table>

Submitted by Rick Tillman WA4NVM

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## BOARD MEETING MINUTES
August 7, 2012 - Presented by: Tom Raggett KJ4LMH Secretary

Present: David Gilbert, Joe Lowenthal, Bill Stevens, Richard Martin, RickTillman, Tom Raggett.

1. Discussion about new officers and board members. Need names for election.
2. Bus trip to Huntsville Hamfest has 43 paid.
3. Darryl Sheffield will be at the general meeting to discuss and ask for volunteers for the MS 150 bike ride.
4. Tom Raggett will email Rosalinda names of new members.

Delta Amateur Radio Club September 2012 Sparks
5. Rick Tillman presented Treasurer’s Report. It was approved by the Board for presentation to the general meeting.


7. Joe Lowenthal asked about doing a presentation to Camp Aviation (a program for kids). General discussion followed and Board decided not to get involved. The Board did say that it could be presented at the general meeting for determination of involvement by the club.

8. Pat Lane will give presentation on WINLINK at the next meeting.

9. Meeting adjourned

GENERAL CLUB MEETING MINUTES
August 14, 2012 - Presented by: Tom Raggett KJ4LMH

1. President Rosalinda Melema called meeting to order and introductions proceeded. Large turnout for the meeting.

2. It was requested that everyone sign in so the sign-in sheet can be updated with the latest information.

3. Ken Laseter was recognized for the great job he is doing with SPARKS. It was the desire of the club that he continue for another year.

4. There was estate sale material still for sale.

5. The minutes were approved as published in SPARKS. Bill Covington made the motion to approve and Ham Hilliard seconded.


7. In testing, there were 3 new Techs and 1 new General.

8. There are no classes scheduled for now, but General class in the fall.

9. At meeting time, there were 46 signed up for the Huntsville Bus Trip.

10. A request for assistance with the Aviation Camp for kids was made. The club decided to assist with one of the presentations.

11. Pat Lane gave presentation on WINLINK (email when internet is down).

12. Motion made to adjourn and approved.
Many times we look for new radios that have come out for amateur radio. The Chinese have come out with a new HT we can use for emergencies and packet work. These are very inexpensive and work great. The company is called Baofeng UV-3R and they make a dual band HT with extended receive for under $50.00. I have seen these little guys for as low as $32.00 on EBAY. You can get then in Black, Blue, Yellow, Red, Or Camo. The units is a 2 meter 440 HT with 2 watts output. They give you the radio with rechargeable battery and a wall charger with desktop holder/charger. The unit works well and has 100 memories with extended receive. Do a search on EBAY to get best prices and GOOGLE to get more information on this nice radio.

Many times while in the house we useour HTs for monitoring the repeaters. They usually are set on the end table close at hand. Unfortunately, they get knocked over easily. One way to prevent this is to have a drop-in base for the radio. Some HTs have an optional drop-in base for charging that also works as a stand, but others do not. While at hamfests you can look for any of the old Motorola HT bases they have for sale. These obsolete bases sell for cheap prices. Since our newer rigs are smaller, they will easily fit in the holes but will wobble. Buy gluing foam strips in the hole we can size one to make a custom stand for our radios. They make a nice stand for the new rigs at a good price and let us reuse the old drop-in chargers.

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

49 Technician
10 General
6 Extra

**CLASSES PLANNED**

**Technician Class 5-12 – November 5-December 10, 2012**

Tech Class 5-12 will be held on six Monday nights from November 5th to December 10th at Lord of Life Lutheran Church, 6865 Poplar Pike, one long block east of Kirby Parkway. The FCC exam will be offered on the fifth night of class. The sixth night will be Repeater Basics and Wouxun radio programming.
The instructor for this class is Joe Lowenthal WA4OVO, who was recently honored as the 2012 Herb S. Brier Instructor of the Year by the ARRL (American Radio Relay League).

If you are interested, send an email to Joe Lowenthal at wa4ovo@arrl.net with your name, email address, and phone number, preferably cell with subject line: Tech Class §12.

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

**CLASSES IN PROGRESS**

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 click on Training Classes; then click on Technician Class to send an email, or call at 904683-2701. 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 #0077/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, www.arrl.org/catalog or on 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 website is free. To access the sample tests, go to 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://kb0mga.net/exams
- www.qrz.com
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 with subject line "General Class." Or you can go to the Delta Club web page 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 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; 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 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 4-12 – July 2-August 6, 2012 |
| General Class 3-12 – March 26 – May 7th, 2012 |
| Technician Class 2-12 – January 21st & February 4th, 2012 |
| Extra Class 1-12 – January 14 – February 25, 2012 |
| Tech Class 2-12 Revisited |
| Troop 457 Merit Badge College – February 11, 2012 |
| Troop 225 Merit Badge Class – February 11, 2012 |
Huntsville Hamfest Bus Trip 2012 Photo:

2nd row-Dominic Andrae (no call yet), Phil Fentress AK4UE, Aaron DeShazo KF5CXN, Wade Wingfield KB5SSG, David Campbell KD4NOQ, Dwayne Love N5XUL, Paul Thorne KC4VSM, Ron Rubin K3RON, Janet Souza (no call), Harry LaVoice KK4GQN, Jim Sanders KE5RHM, Robert Gallarno AK4BD, Steve Smith KI4YOP, Joe Lowenthal WA4VOO, Danny Malone AA4DM, Ham Hilliard W4GMM, TJ Shouse KE4BNT, William Dohogne KC4QT, Ned Savage KA4BLL, John Gallarno AJ4AT, Travis Roach K4VVM, Ray Cole N5RLC;
Not shown-Ray Turner N0ELE, Lisa Alex N0AMO, Tom Ernst N4LIA, Denise Ganucheau KJ5DG, Paul Rosenblatt KK4DMD, Mike Albonetti KD4IHT, Joan Thorne KN4PM, Hal Kravig W4OZL, Carrie Webb KK4KUQ,

DON’T MISS THIS
Great Article About Local Ham Hero’s

I received several emails with this link attached. Don’t miss this Commercial Appeal article about our local hams, written by Julie Ray who visited with us last field day. Check out this article and see if you are mentioned or if your picture is in it.

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

Vice-President:
Richard Martin – K4DXF
901-372-3722
k4dxf@att.net

Secretary:
Tom Raggett – KJ4LMH
901-517-0492
KJ4LMH@arrl.net

Treasurer:
Rick Tillman – WA4NVM
901-268-7047
wa4nvm@comcast.net

Director of Training:
Joe Lowenthal – WA4OVO
901-683-2701
wa4ovo@yahoo.com

Director of Publications:
Kenneth Laseter – KI4AOH
901-853-0400
kmlaseter@laseterinc.com

Director of Programs:
David Campbell – KD4NOQ
901-388-6166
kd4noq@arrl.net

Director of Meetings & Special Events:
David Gilbert – AJ4LV
aj4lv@hotmail.com
# PUBLIC SERVICE EVENTS --- 2012

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.

<table>
<thead>
<tr>
<th>DATE</th>
<th>EVENT</th>
<th>COORDINATOR</th>
<th>CONTACT INFO</th>
</tr>
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<tbody>
<tr>
<td>January 2012</td>
<td>Swamp Stompers.</td>
<td>Danny – KJ4FXZ</td>
<td><a href="mailto:kj4fxz@arrl.net">kj4fxz@arrl.net</a></td>
</tr>
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<td>February 2013</td>
<td>Boy Scout Merit Badge University.</td>
<td>Ken – KI4AOH</td>
<td><a href="mailto:kmlaseter@laseterinc.com">kmlaseter@laseterinc.com</a></td>
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<tr>
<td>March 2012</td>
<td>None</td>
<td></td>
<td></td>
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<tr>
<td>April 2012</td>
<td>March for Babies (March of Dimes).</td>
<td>Linda – KJ4CTX</td>
<td><a href="mailto:llaseter@laseterinc.com">llaseter@laseterinc.com</a></td>
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<tr>
<td></td>
<td>Tour de Cure</td>
<td>Denise – KJ5DG</td>
<td><a href="mailto:kj5dg.denise@gmail.com">kj5dg.denise@gmail.com</a></td>
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<tr>
<td>May 2012</td>
<td>Memphis in May Triathlon</td>
<td>Ned - KA4BLL</td>
<td><a href="mailto:ka4bll@arrl.net">ka4bll@arrl.net</a></td>
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<tr>
<td>September 2012</td>
<td>MS 150 Bike Ride</td>
<td>Darrell - KK4D</td>
<td><a href="mailto:kk4d@xipline.com">kk4d@xipline.com</a></td>
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<tr>
<td>December 2012</td>
<td>St. Jude Marathon</td>
<td>Roger – WR4R</td>
<td><a href="mailto:wr4r@bellsouth.net">wr4r@bellsouth.net</a></td>
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<tr>
<td></td>
<td>Bartlett Christmas Parade</td>
<td>Dennis – KJ4BDU</td>
<td><a href="mailto:dcvv3714@aol.com">dcvv3714@aol.com</a></td>
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<tr>
<td></td>
<td>Juvenile Diabetes Research Foundation Walk</td>
<td>Kathleen - KC0HZU</td>
<td>(No Contact Information)</td>
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TBA

Delta Amateur Radio Club  
September 2012 Sparks  
Page - 11 -
## MEMPHIS AREA VHF/UHF NETS

<table>
<thead>
<tr>
<th>Net Name</th>
<th>Freq. MHz</th>
<th>Local Time</th>
<th>Day</th>
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<tbody>
<tr>
<td>Mid-South Barefooted Bullfrog net</td>
<td>146.535</td>
<td>7:30p</td>
<td>Daily</td>
</tr>
<tr>
<td><strong>Delta Club Traffic and Information Net</strong></td>
<td><strong>146.820</strong> - <strong>(107.2)</strong></td>
<td><strong>8:00p</strong></td>
<td><strong>Daily</strong></td>
</tr>
<tr>
<td>Secret Service Net</td>
<td>224.780</td>
<td>8:30p</td>
<td>M</td>
</tr>
<tr>
<td>Elmer Net</td>
<td>147.030 + (107.2)</td>
<td>9:00p</td>
<td>M</td>
</tr>
<tr>
<td>The Short Winded Net</td>
<td>146.850</td>
<td>8:30p</td>
<td>Tu</td>
</tr>
<tr>
<td>MedMERS Net</td>
<td>146.730 - (107.2)</td>
<td>12:00p</td>
<td>W</td>
</tr>
<tr>
<td>Six Meter Tech Net</td>
<td>53.01</td>
<td>8:30p</td>
<td>W</td>
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<tr>
<td>The 440 Net</td>
<td>443.200 + (107.2)</td>
<td>9:00p</td>
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<td>Collierville CERT Net</td>
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<td>TAC 2 Net</td>
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<tr>
<td>ARES Training Net</td>
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## TENNESSEE HF NETS

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<tr>
<td>Tennessee CW Net</td>
<td>3.563</td>
<td>7:00p</td>
<td>Daily</td>
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<tr>
<td>Tennessee Slow CW Net</td>
<td>3.682</td>
<td>7:30p</td>
<td>T-Su</td>
</tr>
<tr>
<td>Tennessee Early Morn Phone Net</td>
<td>3.980</td>
<td>5:40a</td>
<td>M-F</td>
</tr>
<tr>
<td>Tennessee Morning Phone Net</td>
<td>3.980</td>
<td>6:45a</td>
<td>M-F</td>
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<tr>
<td>Tennessee Evening Phone Net</td>
<td>3.980</td>
<td>6:30p</td>
<td>T-Su</td>
</tr>
<tr>
<td>CUSEC (Center for United States Earthquake Consortium)</td>
<td>3.810</td>
<td>As needed</td>
<td></td>
</tr>
<tr>
<td>CUSEC (Center for United States Earthquake Consortium)</td>
<td>7.180</td>
<td>As needed</td>
<td></td>
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</table>
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 Tile Company
Installers of commercial & residential ceramic, quarry, marble & slate tiles
(901) 365-9607 or Fax (901) 365-1992
5579 Federal Avenue
Memphis, TN 38118-7918

Ned Savage
35 YEARS of EXPERIENCE
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.

<table>
<thead>
<tr>
<th>SPARKS ADVERTISING</th>
<th>FULL PAGE</th>
<th>¼ PAGE</th>
<th>BUSINESS CARD</th>
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<tr>
<td>Price</td>
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<td>$15.00</td>
<td>$10.00</td>
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<td>Size</td>
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<td>3 ½” w X 4” h</td>
<td>3 ½” w X 2” h</td>
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<td>Duration</td>
<td>for 3 Months</td>
<td>for 3 Months</td>
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