

DELTA AMATEUR RADIO CLUB

SPARKS

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



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 10, 2013 (2nd 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: “Share Your Shack”
Presented by: David Campbell KD4NOQ

VE TESTING: Don't forget the monthly Volunteer Examiner testing session. Registration begins at 5:30 PM and testing begins by 6:00 PM. Please remember to bring two (2) forms of identification, at least one a photo ID, and copies of any existing licenses or CSCE's you might have. 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, VE Liaison
Phone: 901-603-3448
Email: wc9s@att.net

Congratulations to the examinees of the August 13th Delta Club test session: Technicians George Boggs KK4THD, General upgrade for Timothy Henry KK4SEW; General and Extra upgrades for David Webb KV4QI (formerly KK4SJI); and Extra upgrades for Kenneth Brewer KK4RHZ, Dan Lasley KK4SNF, and Mark Vlasak KV4QJ (formerly KK4MAJ) .

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 or Rosalinda Melena wntwov@gmail.com know. There are two basic requirements 1) you must be a club member, and 2) you must have attended at least six (6) club meetings during calendar 2013. 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 our regular club meeting in November.

PRESIDENT'S CORNER

By: Rosalinda Melena WN2V

September snuck up on me so I don't have a "corner" prepared but I do have a couple of notes to pass along.

1. The MS Bike Ride event is September 7 -8, 2013. Big thanks to Darrell Sheffield (KK4D) for his coordination. Several club members are volunteering. A big thanks to the volunteers, too! My camera is already packed so I'll have a few pictures to share .
2. We're considering dates for the next DARC Swap Meet. We should have the date locked down in time to share at the club meeting.
3. Club elections are in November. Every board position is open.
Requirements: 1) Must be a Member; 2) Attended at least 6 meetings.
4. We are locking down the November Prize list. We'll have more to share at the club meeting. Remember \$1 per ticket or 6 for \$5.
5. Remember, September is *National Preparedness Month*. **Floods** are the No. 1 Natural Disaster in the United States. When was the last time you checked your "go bags"?

With that, I'll say stay cool, take care and be safe. 73 to all!

BOARD MEETING MINUTES

August 6, 2013 - Presented by: Tom Raggett KJ4LMH Secretary

Present: Rosalinda Melena, Richard Martin, Rick Tillman, David Campbell, Bill Stevens.

- Program will be presentation by Scott Vanzandt on his Radio Shack.
- Darrell Sheffield will talk about the MS150 and request volunteers at next general meeting.
- Rick Tillman covered the Treasurer's report and it was approved by board.
- Bus Trip to Huntsville was at the break even point.

- There was a general discussion about the upcoming DARC elections.
- There was discussion about prizes for the upcoming November meeting and drawing.
- Meeting adjourned.

TREASURER'S REPORT

Submitted By: Rick Tillman WA4NVM

Beginning Balance	as of August 1, 2013	\$12,611.50
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Expenses

David Gilbert	Meeting Treats	\$27.52
Joe Lowenthal	Bus Trip Food, etc.	\$319.55
Home Depot	Paper and Tape	\$28.93
Huntsville Hamfest	36 Entry Tickets	\$288.00

Total Expense	\$664.00
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SubTotal **\$11,947.50**

Income

Membership Dues	Year 2013	\$60.00
Membership Dues	Year 2014	\$30.00
Huntsville Bus Ticket	2013 Ticket	\$645.00
Club Patch		\$5.00
Tickets	November Drawing	\$115.00

Total Income	\$855.00
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Ending Balance	as of August 31, 2013	\$12,802.50
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Submitted by Rick Tillman WA4NVM

GENERAL CLUB MEETING MINUTES

August 13, 2013 - Presented by: Tom Raggett KJ4LMH

President Rosalinda Melena called meeting to order.

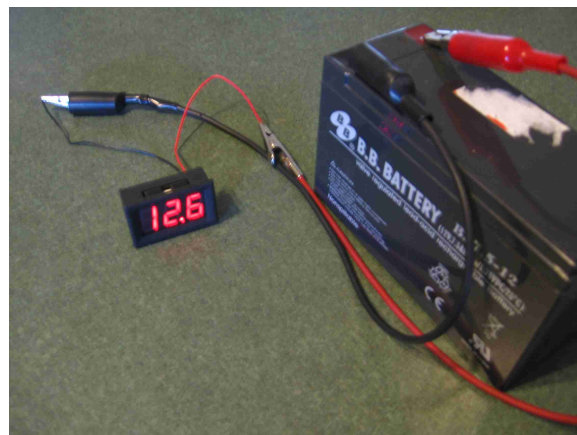
- Introductions were held.
- Rosalinda made announcement about DARC elections to be held in November. If anyone is interested in serving please sign up noting the position desired.
- Announcements—

- Swap Meet was well attended. Discussion to have one every 3 months
 - Copies of QST magazine free for taking.
 - Several radio accessories on table for sale.
 - Nick Burrow asked for donations for a young girl in his church injured in a car wreck. The family is in need of money for medical expenses.
- Minutes of previous Board and General meeting were approved as published in SPARKS. Ham Hilliard made motion to accept, Jeff Krause seconded.
 - Treasurer's Report was approved as published in SPARKS. Ham Hilliard made the motion to accept, Larry McMillin seconded.
 - Testing—There was 1 new Tech, 1 new Genera l, and 4 new Extras.
 - Training—Finished the July class—8 new Tech, 2 Generals. Huntsville bus trip scheduled for Saturday August 17, 2013.
 - MS150 Bike Ride—Darrell Sheffield made request for volunteers for the SAG trucks and the Rest Stops. The Ride is sch eduled for September 7, 8 2013.
 - Program—Scott Vanzandt made presentation on his Ham Shack.
 - Door Prize Drawing—Richard Martin was recipient of the door prize.

AMATEUR HARDWARE UPDATE

By: James Butler - KB4LJV

Many times we set up for portable or emergency operation. This could mean we have to have our on power to run our equipment. 12VDC can be supplied from solar cells, wind power, or charged batteries. Monitoring the 12 VDC po wer is crucial to insure proper operation. A high voltage could damage equipment while some radios do not operate properly if the voltage is too low. I found a digital voltmeter on Ebay that works perfect for this purpose. It is a bright red digital readout that will measure between 3.5 and 30 volts DC. The meter only has two wires (plus and minus) to hook up as it uses the power it is monitoring to power itself. It is a panel mount so it just snaps into a rectangular opening. The unit reads 3 digits accuracy. Of course the best thing is the price of under \$3.00 from most venders. You can get it with blue LEDs, green LEDs, and yellow LEDs but they cost a little more. I bought one to use for QRP operation for battery monitoring and have one on the dash of my car to keep track of voltage level. Go to E bay and do a search for LED digital panel meter and you will see a lot of them for sale.



AMATEUR PACKET UPDATE

By: James Butler - KB4LJV

Many times we have to hookup microphones and digital interfaces to our radios. This mean we have to have a wiring hookup for that type of radio to make the proper connections. There is a website that G4WPW has that will make that process easier. It shows microphone pin diagrams for lots of radios. Modern radios like Icom and Kenwood are on the site , as well as, older vintage radios. By looking up your radio type you can hookup the microphone or digital interface as needed. This is a great site with lots of good information. The website is <http://www.qsl.net/g4wpw/date.html>

MS-150 BIKE RIDE

Submitted by: Joe Lowenthal WA4OVO, Director of Training

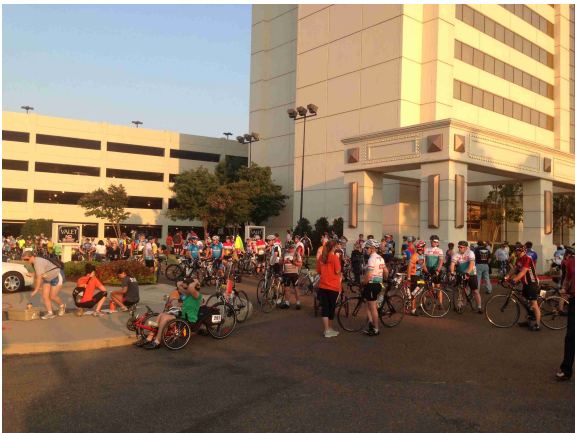
This past weekend (Sept 7&8), the Delta Club coordinated the 35 hams that provided communications for the MS-150 bike ride. The ride went from the Landers Center in Southaven to Gold Strike Casino in Tunica and back to Landers Center over the two days. Thanks to Chickasaw Amateur Radio Association (CARA) for the use of their 146.91 repeater during the ride. The recent move of the repeater south of Hernando allowed handheld operation from most locations on the route including from the flat lands near the casino.

At the Saturday night dinner on September 7th Darrell Sheffield KK4D received for the many hams who have helped with Bike MS: Rock -N-Roll bike ride, the National Multiple Sclerosis Mid-South Chapter Rico Bullock Volunteer of the Year Award. Congratulations to all the hams who have helped over the many years. This was the 28th year for the Memphis area ride.

Also, on Saturday night at the dinner, Bob Holdford KF4NDH (sk) was honored for his many years of mentoring riders, as well as being a ham radio operator for the MS rides. He would often have an HT and a ½ wave antenna on his bike to keep in touch. Bob's wife and family were there to receive the honor for him.



Rico Bullock Volunteer of the Year Award plaque



2nd Day starting line for the MS-150 at Gold Strike Casino Tunica MS



Mrs Holdford in white blouse accepting applause from the audience.

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

24 Technician
26 General
7 Extra

New to the Basic Electronics Class is information on a Google website created by Alan Proffitt AE5RX.

SCHEDULED CLASSES

Tech Class 5-13 – November 4 – December 9, 2013

Tech Class 5-13 will be held on 6 Monday nights from 6:15-9:30pm from November 4th through December 9th with the FCC exams given on December 2nd. Classes will be held at EMHC ambulance services' office at 6972 Appling Farms Parkway Suite 110, Memphis. If you are interested in the class or know someone who is, have them send an email to Joe Lowenthal at wa4ovo@arrl.net with Tech Class in the subject line and name, email address and cellphone number in the text. See the Future Classes Technician Class below for the text to be used.

CLASSES PLANNED

General Class 1-14

A General class is being planned for starting mid-January either on Saturday mornings from 9am-1pm or Monday nights from 6:15-9:30pm. If you are interested, send an email to Joe Lowenthal at wa4ovo@arrl.net with General Class in the subject line and name, email address and cellphone number in the text. Specify your preference of one of the two days stated above. See the Future Classes General Class below for the text to be used.

Extra Class 2-14

An Extra class is being planned for starting late February or early March on 6 Saturdays from 9am -1pm. If you are interested, send an email to Joe Lowenthal at wa4ovo@arrl.net with Extra Class in the subject line and name, email address and cellphone number in the text. See the Future Classes Extra Class below for the text to be used.

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 901-628-4318. We usually publish class schedules a month or two in advance. You will be notified by email or phone when the class is set if you send an email informing us of your desire to be in a class.

There is no charge for the class, but registration is required. Advanced study of *The ARRL Ham Radio License Manual*, 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, 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 NCVET 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>
- <http://copaseticflow.blogspot.com/2010/06/technician-class-practice-test-gadget.html>
- 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 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 901-628-4318. 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

Basic Electronics is geared toward bridging the gap between the General and Extra Class licenses. There will not be a Basic Electronics class in the classroom anymore since there is so much on the internet. However, Alan Proffitt AE5RX has created a Google website for basic electronics for the Delta Club with useful links. Click on <https://sites.google.com/site/darcelectronics/my-forms> and then click on syllabus.docx at the bottom of the list. Alan, alan.proffitt@comcast.net, will help anyone who would like help or refer them to another Elmer. One site inside this Google site is the US Navy Electricity and Electronics Testing Site (NEETS). There are 24 modules with excellent information. If you want to go directly to it, go to <http://jacquesricher.com/NEETS/>.

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 901-628-4318. 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 4-13 – July 8 - August 12, 2013

Tech Class 4-13 was held on 6 Monday nights from 6:15 - 9:30pm from July 8th through August 12th at Lord of Life Lutheran Church, 6865 Poplar Pike. Twenty-five students began the class with 8 earning their licenses. Joe Lowenthal WA4OVO and Pat Lane W4OQG were the instructors. Ed Arndt KV4LF and Bill Stevens WC9S provided guidance during the question pool review. The class Elmers were Bill Stevens WC9S, Rick Tillman WA4NVM, Richard Martin K4DXF, Harry LaVoice KV4LD, Geoff Wilson KV4LE, and Ed Arndt KV4LF.

Congratulations to Tara Orr KK4SZM, Doug Cannon KK4SZN, Ric Honey KK4SZO, Grieg Pedersen KK4SZP, and Jimmy Butler KK4SNQ who earned their Technician licenses. Congratulations to Casey Nepa KK4SZR who earned his Technician and General licenses. An extra congratulations to David Allen KV4PG and Mike Hodgetts KV4QC for earning Technician, General, and Extra.



The 6th night was a repeater basics class with orientation on repeater use and programming, D-Star, Echolink, APRS, satellites, Winlink, and HF.

Thanks to the Western Carolina Amateur Radio Society (WCARS) VE Team of Win Guin W2GLJ, Bill Stevens WC9S, Rick Tillman WA4NVM, Richard Martin K4DXF, David Gilbert AJ4LV, Ken Laseter KI4AOH, Linda Laseter KJ4CTX, and Gary Weatherford W5EMA for providing the FCC test session.

Tech Class 4-11 Revisited

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

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

NEW LOCATION FOR THE 146.91 REPEATER

Submitted by: Joe Lowenthal WA4OVO, Director of Training

The Chickasaw Amateur Radio Association (CARA) 146.91 repeater had to be removed from the Hernando water tower and moved temporarily to Baptist Desoto Hospital in Southaven. On Wednesday, August 28th the 91 repeater found a new home up 300 feet on the old FM 95.3 radio tower on Slocum Road near McCracken Rd, about 3 miles south of Hernando and just west of I -55. The morning after the repeater move Michael KK4IOH reported a good signal on the 91 machine while mobile on the I-40 north leg around Memphis with 5 watts. Another ham worked the repeater from Como on a handheld. The repeater seems to have a better eastward look. The 91 machine is the repeater Delta Club uses for the MS -150 bike ride. Thanks to CARA for providing such a good repeater in the Memphis area. The 91 machine is the repeater used in 1977 when all the lights went out in Memphis and all the Memphis repeaters were off the air.

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

2013 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
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kj4lmh@gmail.com

Treasurer:

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

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Joe Lowenthal – WA4OVO
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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 --- 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.

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

MEMPHIS AREA VHF/UHF NETS

Net Name	Freq. MHz	Local Time	Day
Mid-South Barefooted Bullfrog net	146.535	7:30p	Daily
Delta Club Traffic and Information Net	146.820 - (107.2)	8:00p	Daily
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 628-4318.

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
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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 Spark s.

SPARKS ADVERTISING

FULL PAGE \$50.00 for 3 Months 7" w X 8 ½" h <input type="checkbox"/>			HALF PAGE \$25.00 for 3 Months 7" w X 4" h <input type="checkbox"/>			¼ PAGE \$15.00 for 3 Months 3 ½" w X 4" h <input type="checkbox"/>			BUSINESS CARD \$10.00 for 3 Months 3 ½" w X 2" h <input type="checkbox"/>		
Jul 2013	Aug 2013	Sept 2013	Oct 2013	Nov 2013	Dec 2013	Jan 2014	Feb 2014	Mar 2014	Apr 2014	May 2014	Jun 2014



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



Call sign _____ License Exp. Date ____/____/____ New Member ____ Renewal ____
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 _____