

DELTA AMATEUR RADIO CLUB

SPARKS

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



*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:** November 13, 2012 (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:** “Elections & Annual Prize Drawing”

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

PRESIDENT'S CORNER

By: Rosalinda Melena WN2V



Good November to all. November is a month of thanksgiving for many. This Veterans' Day, I send out a heartfelt **thank you** to all our Veterans (and active duty Service personnel) for their service, sacrifice and strength. Army, Navy, Air Force and Marine Corps, your dedication to God and country is appreciated.

As always, take care and be safe!

ELECTION OF NEW OFFICERS

By: Kenneth Laseter KI4AOH

Again, if any member would like to serve as an officer of the Delta Amateur Radio Club, please let Thomas Raggett kj4lmh@arrl.net know as soon as possible. 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.

Currently, the nominations are:

President -----	Rosalinda Melena
Vice-President -----	Richard Martin
Secretary -----	Tom Raggett
Treasurer -----	Rick Tillman
Director of Publications -----	Kenneth Laseter
Director of Programs -----	David Campbell
Director of Training -----	Joe Lowenthal
Director of Meetings & Special Events -----	David Gilbert

ST. JUDE MARATHON and BARTLETT CHRISTMAS PARADE

Submitted by: Joe Lowenthal WA4OVO, Director of Training

A few more hams are needed for providing communications for the St. Jude Marathon and the Bartlett Christmas Parade. This year the two events are on different weekends. Both are a lot of fun, and an opportunity to give back to the community.

The marathon is Saturday, December 1st. Roger Schlichter WR4R is the coordinator (wr4r@bellsouth.net, cell 833-2294). The activities start at 7:15am for the Memphis Grizzlies Family 5K with the marathon/half marathon starting at 8am/7:50am for wheelchair participants. The Family Fun Run starts at 1:30pm. As a ham you will need to be in position at least an hour and a half before the first runner is to pass your location. For the marathon/half marathon, that means the hams need to be at the early aid stations by 6:30am and the last would have to be in place by 9am. The hams coordinate with the aid station manager, inform net control when the aid station is setup, if additional supplies are needed, if medical assistance is needed, if transportation is needed for a runner, and when the aid station is closed. We will use the Tri-State Repeater

Association 146.45 repeater that is located on the First Tennessee Bank building. A ham needs only a 5-watt VHF HT for the majority of the locations; a higher power/mobile radio is needed in a few locations.

The Bartlett Christmas Parade is Saturday, December 8th. Dennis Foster KJ4BDU is the coordinator (dcvv3714@aol.com, cell 626-3678). The parade starts at 4pm. Hams will need to be in place on Stage Road east of Elmore Park by 3pm. Prior to the start of the parade, the hams will report on which units are in place and which are missing. Then the hams will walk with 4-8 units in the parade to keep the units moving in an orderly manner. The parade route is about 1 mile long and takes about an hour and 45 minutes from the start to the finish of the complete parade. Net control will be set up in front of Leslie Swimming Pool Supplies, 6216 Stage Road, just east of Elmore Park. We will use a VHF simplex frequency. A ham needs a 5-watt VHF HT. A speaker mike and/or headset with mike is desirable.

TREASURER'S REPORT

Submitted By: Rick Tillman WA4NVM

Beginning Balance	as of October 1, 2012	\$8,276.42
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Expenses

	November Gifts	\$374.00
David Gilbert	Food for meetings	\$71.61
Total Expense		\$445.61
SubTotal		\$7,830.81

Income

Membership Dues	Year 2012	\$7.50
Membership Dues	Year 2013	\$30.00
Tickets	November Drawing	\$196.00
Donation		\$2.50
Donated Gear	Repeater Sales	\$75.00
Club Patch		\$10.00
Total Income		\$321.00

Ending Balance	as of October 31, 2012	\$8,151.81
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Submitted by Rick Tillman WA4NVM

BOARD MEETING MINUTES

October 2, 2012 - Presented by: Tom Raggett KJ4LMH Secretary

Attendees: Ken Laseter, Rick Tillman, David Gilbert, Steve Smith, David Campbell, Bill Stevens, Rosalinda Melena, Richard Martin

1. The new slate of officers for election at the November general meeting is:

President	Rosalinda Melena
Vice President	Richard Martin
Treasurer	Rick Tillman
Secretary	Tom Raggett
Dir of Training	Joe Lowenthal
Dir of Publications	Ken Laseter
Dir of Programs	David Campbell
Dir of Meeting & Special Events	David Gilbert

2. There was much discussion regarding email addresses and who should receive SPARKS. It was decided to send SPARKS to only members. There will be a statement on the last page of the document in November to address this point.
3. There was a discussion regarding ID cards and whether to continue the practice of producing ID cards. It was decided continue the process for another year (2013).
4. There has been a request for presentation to the Cordova Preparedness Fair. David Gilbert will follow-up.
5. Program for General Meeting will be “Cheap Yagi Antennas”
6. Meeting adjourned.

GENERAL CLUB MEETING MINUTES

October 9, 2012 - Presented by: Tom Raggett KJ4LMH

1. President Rosalinda Melena call meeting to order.
2. Introductions were held.
3. Treasurer’s Report—Rick Tillman presented Treasurer’s Report. Motion to approve by Ham Hilliard, 2nd by Jeff Krause.
4. Secretary’s Report—Motion by Ham Hilliard to accept minutes of Board Meeting and General Meeting as written in SPARKS. Jeff Krause 2nd.
5. Testing—Bill Stevens reported 4 new Techs and 1 new extra.
6. It was announced that there will be a Technician class starting on November 5, 2012.
7. Roger Schlichter (WR4R) announced that he will need 11 additional operators for the St Jude Marathon to be held on December 1, 2012.
8. Dennis Foster (KJ4BDU) noted that the Bartlett Christmas Parade is on December 8, 2012, a week later than the Marathon.
9. There were signup sheets for both events.

10. Danny Banks gave follow-up report on the Blues City Bike Ride and expressed his deep appreciation for the operators who helped with the communications.
11. Ham Hilliard announced a J-Pole antenna class scheduled for October 20, 2012. Cost is \$25 for 2 meter antenna.
12. The DARC officer election will be held at the November General meeting. The slate of officer candidates will be in SPARKS. December General meeting is the pot luck dinner for DARC.
13. Richard Webb noted that the Central Area Night Watch net is one that operators might be interested in. It is on 75 meters, 3.845 megahertz.
14. Ray Turner (N0ELE) gave an overview of the net control responsibilities. He noted that he was looking for alternates for net control operators. Lisa Alex (N0AMO) gave some suggestions for checking into the nets. She noted that it was good practice for newly licensed operators. Danny Banks (KJ4FXZ) suggested ways to fill out the log Dennis Foster (KJ4BDU) gave some specifics on how to check in to the nets.
15. Program—David Campbell presented ways to build an inexpensive Yagi antenna.
16. Motion made to adjourn by Jeff Krause, Ham Hilliard 2nd.

AMATEUR PACKET UPDATE

By: James Butler - KB4LJV

Many times when we run digital modes we use lower power. This means we need to get as much power to the antenna as possible. We need to match the transmitter output to the antenna. MFJ Enterprises has come out with new QRP antenna tuner just for that purpose. They call it the pocket tuner MFJ-9201. The unit will tune antennas in the 80 to 10 meter range. It has a BNC input and output on the tuner. The tuner has a 12-position inductor along with adjustable capacitors for input and output. This unit will handle up to 25 watts power. The unit is small at 4 inches by 2 5/8 inches by 1 1/2 inches in size. It also has a bypass switch which bypasses the tuner to check SWR without the tuner in line. The MFJ-9201 is priced at \$49.95. More information can be found at MFJ's website. The website is <http://www.mfjenterprises.com/>

AMATEUR HARDWARE UPDATE

By: James Butler - KB4LJV

Many times we can make modifications to our equipment to make it function better or to make it easier to use. I recently bought a Baofeng HT from China that included a desk charger to charge the battery. The unit works nice but does not have an indicator light to let you know you are charging. It is easy to forget it is hooked up and you could overcharge the battery in the charger tray of the base. I took the charger base apart and found enough space to mount an LED with a voltage dropping resistor inside. The voltage is about 5 VDC so I used a 470 Ohm resistor in series with the LED. I connected it to the wires going to the battery connections on the charger. I drilled a hole in the base to mount the LED. The charger base now has a nice power-on indicator light to remind me to unplug it when not in use.

SPOT THE SPACE STATION OVER YOUR BACKYARD WITH NEW NASA SERVICE

Submitted by: Joe Lowenthal WA4OVO, Director of Training

Here is an email off of the AMSAT bulletin board. Thought it might be of interest to SPARKS readers.

WASHINGTON -- On the 12th anniversary of crews continuously living and working aboard the International Space Station, NASA announced Friday a new service to help people see the orbiting laboratory when it passes overhead. "Spot the Station" will send an email or text message to those who sign up for the service a few hours before they will be able to see the space station.

"It's really remarkable to see the space station fly overhead and to realize humans built an orbital complex that can be spotted from Earth by almost anyone looking up at just the right moment," said William Gerstenmaier, NASA's associate administrator for human exploration and operations. "We're accomplishing science on the space station that is helping to improve life on Earth and paving the way for future exploration of deep space."

When the space station is visible -- typically at dawn and dusk -- it is the brightest object in the night sky, other than the moon. On a clear night, the station is visible as a fast moving point of light, similar in size and brightness to the planet Venus. "Spot the Station" users will have the options to receive alerts about morning, evening or both types of sightings.

The International Space Station's trajectory passes over more than 90 percent of Earth's population. The service is designed to only notify users of passes that are high enough in the sky to be easily visible over trees, buildings and other objects on the horizon. NASA's Johnson Space Center calculates the sighting information several times a week for more than 4,600 locations worldwide, all of which are available on "Spot the Station."

Nov. 2 marks 12 years of continuous human habitation of the space station.

To sign up for "Spot the Station," visit:

<http://spotthestation.nasa.gov>

For information about the International Space Station and a full list of sightings, visit:

<http://www.nasa.gov/station>

2013 SPARKS EMAIL DISTRIBUTION

Submitted by: Kenneth Laseter KI4AOH, Director of Publications

As many of you may be unaware, for the past two years I have been emailing our Sparks Newsletter to over 500 people. Most of these recipients are not Delta Club members. Because of this, the email list has become difficult to manage and maintain. Therefore, beginning in 2013 I plan to email Sparks to paid members and life members only. Remember, Sparks is posted each month to the club's website and can be downloaded and/or viewed there (www.deltaclub.org).

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
49 Technician
10 General
6 Extra

CLASSES PLANNED

None

CLASSES IN PROGRESS

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

Tech Class 5-12 is being held on six Monday nights from November 5th to December 10th. Twenty-six students attended the first class at Lord of Life Lutheran Church, 6865 Poplar Pike. The FCC exam will be offered on the fifth night of class. The sixth night will be Repeater Basics and operating options for the Technician Class licensee.



The instructor for the class is Joe Lowenthal WA4OVO, who was recently honored by the ARRL (American Radio Relay League) as the 2012 Herb S. Brier Instructor of the Year. Elmers for the class are Bill Stevens WC9S, Rick Tillman WA4NVM, Richard Martin K4DXF and Harry LaVoice KK4GQN

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 901-683-2701. 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, 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>

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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

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
k4dxmf@att.net

Secretary:

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

Treasurer:

Rick Tillman – WA4NVM
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wa4nvm@comcast.net

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Joe Lowenthal – WA4OVO
901-683-2701
wa4ovo@yahoo.com

Director of Publications:

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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 .

DATE	EVENT	COORDINATOR	CONTACT INFO.
January 2012			
15 th	Swamp Stompers.	Danny– KJ4FXZ	kj4fxz@arrl.net
February 2013			
9 th	Boy Scout Merit Badge University.	Ken – KI4AOH	kmlaseter@laseterinc.com
March 2012			
None			
April 2012			
28 th	March for Babies (March of Dimes).	Linda – KJ4CTX	llaseter@laseterinc.com
28 th	Tour de Cure	Denise – KJ5DG	kj5dg.denise@gmail.com
May 2012			
19 nd	Memphis in May Triathlon.	Ned - KA4BLL	ka4bll@arrl.net
September 2012			
8 th & 9 th	MS 150 Bike Ride	Darrell - KK4D	kk4d@xipline.com
December 2012			
1 st	St. Jude Marathon	Roger – WR4R	wr4r@bellsouth.net
8 th	Bartlett Christmas Parade	Dennis – KJ4BDU	dcvv3714@aol.com
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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
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 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.

S
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T
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C
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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

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

FULL PAGE \$50.00 for 3 Months 7" w X 8 ½" h			HALF PAGE \$25.00 for 3 Months 7" w X 4" h			¼ PAGE \$15.00 for 3 Months 3 ½" w X 4" h			BUSINESS CARD \$10.00 for 3 Months 3 ½" w X 2" h		
Jul 2012	Aug 2012	Sept 2012	Oct 2012	Nov 2012	Dec 2012	Jan 2013	Feb 2013	Mar 2013	Apr 2013	May 2013	Jun 2013



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 _____